



# RAUSCHuk

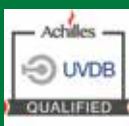
## Product Range

2025/26

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# RAUSCHuk

## Expertise, Knowledge and Innovation...

Hidden problems, whatever they may be; large or tiny; whether they're inside industrial components, underground or overground; don't just cost in time and money, they can also cause serious threats to the safety of property and people. At RAUSCHuk we are committed to helping our customers solve their 'hidden problems' with a range of versatile, specialist inspection products that have been designed specifically to not only save time and money, but in some cases – lives.

### Diverse Experience

Over the years, our experience has developed through working within a variety of diverse market sectors. From supplying solutions to industries such as drains and ducting, through to technical manufacturing fields such as aerospace and automotive. Our products are sensitive and responsive, but also robust enough to deal with the harshest and sometimes extreme environments. And our natural diversification into search and surveillance equipment has seen us designing and developing adaptable, ergonomic and technically innovative solutions that are now being utilised by Governments, Police and the Military both in the UK and in hostile environments abroad.

### Design and Development

Embracing the latest innovative technologies and working with strategic partners, manufacturers and customers across many markets, our in-house design team are on a continuous mission to seek-out, research, design, develop and improve our range of inspection and surveillance products and accessories. We also work closely with other specialist manufacturers and brands, acting as a distributor and solutions provider and enhancing our own range of products. This enables us to provide the best solutions to our customer's problems.

### Providing Solutions

At RAUSCHuk our strength comes from the knowledge and experience we've built up through dealing with so many different companies and problems over the years. We are a true 'solutions' provider not just a supplier of products. And with so many different customer requirements, and so many accessories available that can be utilised with both our own and other manufacturer's core systems, we encourage our customers to talk to us first so we can help them decide on the best solution for their particular problem.

### Bespoke Solutions

It's not unusual for some problems to be so challenging that they require specific alterations, adaptations or additions outside of what is currently available. And we welcome and are able to rise to these challenges. Because we have our own in-house design and development team who keep abreast of the latest products and technologies, we are able to provide specific ideas and solutions in these special cases.



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DX Mini Inspection Camera



The DX Mini Pipeline Inspection Camera has been designed specifically with the user in mind. The system is versatile, robust and easy to transport with the additional benefit of a detachable monitor and can be stored upright or laid down while being used or whilst in storage.

The DX Mini is available with a 26mm Self-Levelling Camera Head, 30m or 45m cable length, 5 hour Battery life with a Mains Power option and SD Card recording. Lighting is supplied by fully adjustable Ultra Bright LED lights.

Ideal for 1 ½" (38mm) up to 4" (100mm).

The 7" Monitor has a protective cover/sunshade over the LCD screen to protect against any damage or accidental knocks.

The Camera head is rated to IP68 to 10bar. The complete systems including monitor weighs just 8kgs.

- 7" TFT LCD Screen 1024 x 600
- 26mm Self-Levelling Camera head
- Stainless Steel construction
- High Impact Sapphire Lens
- Multi-Frequency Sonde (33kHz, 512Hz, 640Hz)
- Removable Monitor
- Protective Screen Cover/Sunshade
- 30m/45m Cable length
- 5 hour Lithium-ion Battery life
- Recording to internal memory, Micro SD or USB
- 6 Cree Ultra Bright LED lights
- Battery Meter
- Rod 6.7mm diameter
- HDMI Port



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Model No	Description
569-951	DX Mini 30m
569-952	DX Mini 45m
569-961	DX Mini 30m (Reel only)
569-962	DX Mini 45m (Reel only)





# DX & DX HD S/L Inspection Systems

The DX and DX HD is a modular system with a wide variety of standard user-friendly features. The system is versatile robust and easy to transport with the benefit of a detachable monitor to allow for easy charging and viewing on site. The DX includes more user-friendly options such as a larger TFT Screen, brighter LED lighting, large internal memory, WiFi Connectivity and USB memory storage. The DX comes complete with RAUSCHuk Full Reporting software which allows the user to complete a report whilst doing the survey at the site. The reporting software also allows the user to add numerous Sections and Observations to the report, include still images and video to the report and move from one site area to another without having to close the report. Available in lengths of: 40m, 60m, 80m & 120m.



- 10.1" sunlight readable TFT HD display (1280 x 800)
- Display protected by Gorilla Glass Front Panel
- 36mm S/L Camera Head
- Meter Counter (Mtr / Ft)
- RAUSCHuk Full reporting software included
- USB 3.0
- USB Memory stick supplied
- 128GB internal memory
- Records to internal or both memories
- Integral high power 3 Frequency Sonde (512Hz/640Hz/33kHz)
- Suitable for 2"-12" (50mm - 300mm) pipe diameter with suitable skids
- Optional 6" (150mm) Brush Skid & 9-12" (225mm - 300mm) Wheeled Skid



RAUSCHuk have produced a High Definition Self Levelling Camera Head for the DX Inspection System.

## Specification

- Stainless steel construction
- High impact Sapphire lens
- Diameter 46mm
- Self-levelling HD camera head
- Ultra-bright LED lighting
- Colour Sony CCD Sensor - 1080p
- Environmental rating IP68 to 10bar

Model No	Description
569-900	DX Camera System 40m
569-901	DX Camera System 60m
569-902	DX Camera System 80m
569-903	DX Camera System 120m
HD System	
569-920	DX HD Camera System 40m
569-921	DX HD Camera System 60m
569-922	DX HD Camera System 80m
569-923	DX HD Camera System 120m







Skids

**4" 2 part Ball Skid** for the 'DX' Drain Inspection Camera system. Enables the Camera to be pushed easily through 4" pipes. Attaches around the Camera head and screwed together for security.

Model No	Description
568-012	4" Ball Skid for 36mm Camera

**6" Brush Skids** for the 'DX' Drain Inspection Camera system. The 2 part Skid is inserted onto the 'DX' unit (1 is pushed up and sits over the camera Head and the other one sits over the hose end) which then enables the 'DX' Drain Camera system to be used in 6" pipes. Easy to attach and remove, no tools required. Extremely robust and long lasting (for 36mm camera head).

Model No	Description
568-711	6" Brush Skid Set

**Large Wheeled Skid** for the 'DX' Drain Inspection Camera system. This Skid is inserted onto the 'DX' unit and pushed up and around the camera head which then enables the 'DX' Drain Camera system to be used in 9"-12" pipes. Easy to attach and remove, no tools required. Extremely robust and long lasting (for 54mm camera head).

Model No	Description
568-711	9"-12" Wheeled Skid



mincord5

**Small and compact:** Designed to reach even the most difficult-to-reach places. The non-destructively inspection enables you to inspect even the tightest spaces and saving costly disassembles. Tubes, cavities, welding seams, turbines, hollow profiles and castings. At the same time, the cameras are so robust that they can easily withstand the harsh field conditions. In this way you locate all surface damages, cracks, sediments and deteriorations with minimal effort.

- 13 mm axial camera
- 15 m flexible push cable
- 33 kHz / 512 Hz / 640 Hz locating sonde
- 90° bends from 25 mm
- Sunlight-readable 5"-display
- Battery life of 5 – 7 hours



MinCord XL  
Inspection system for sewers

The minCord XL is used to inspect pipes ranging from 15 mm diameters. The complete camera system ensures an optimum view. Individual applications in buildings and industry.

- 13 / 18 mm axial camera
- 30 m flexible push cable
- 33 kHz / 512 Hz / 640 Hz locating sonde
- 90° bends from 25 mm
- Sunlight-readable 7"-display
- Battery life of 5 – 7 hours



Deep Underwater Borehole Camera

The Deep Underwater Borehole Camera system comes with a control box with built-in 10" LCD screen to review, monitor and record audio & video footage in real-time. Video footage can be recorded directly onto the 128GB HDD or a USB device allowing for audio/video footage to be viewed, stored and played back. With a Video out facility recordings can also be made directly to a media player or other recording device. The LCD screen, camera and DVR can be powered either from the 12v rechargeable battery or from a UK plug adaptor. The Borehole camera is mounted on an electrical winch and can be deployed at a speed of 0 to 20m per minute. The unit comes with either 300m, 400m or 500m cable length. The system has a built-in WiFi transmitter which supports Android, iOS Smartphone and Tablet. This camera is rated waterproof to IP68 up to 50bar.

- Dual view mode Waterproof Camera
- IP68 Waterproof up to 50 bar
- 300m, 400m & 500m cable length
- Electric winch with adjustable winding speed
- 10" HD LED Monitor DVR with Audio/Video recording function
- Built-in 128GB Hard Disk drive



Model No	Description
507-420	Deep Borehole Camera 300m
507-421	Deep Borehole Camera 400m
507-422	Deep Borehole Camera 500m

Accessories

Model No	Description
507-423	Borehole Lead Set

### Drain Inspection Camera with 512Hz Sonde

The system comes in its own storage box with a built-in LCD screen to review, monitor and record video footage in real-time. Video footage can be recorded directly onto a USB memory stick & Micro SD Card allowing for video footage to be both viewed, stored and played back. With a Video out facility recordings can also be made directly to a media player or other recording device. The systems comes with software which has a CODEC on to allow users to view video on a PC. Available in 20m and 40m lengths.

- 7" TFT LCD Screen
- Powered by Rechargeable battery pack or AC/DC Adaptor
- 23mm diameter camera head
- 512Hz Sonde
- Adjustable LED lighting
- Lighting 12 LED's
- Captures to USB or Micro SD card
- Remote control handset

Model No	Description
507-151	Drain Camera 23mm x 20m + 512Hz Sonde
507-152	Drain Camera 23mm x 40m + 512 Hz Sonde



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**Accessories**

Model No	Description
507-132	Replacement 20m Reel + M/C
507-133	Replacement 40m Reel + M/C
507-150	Replacement 23mm Camera Head + 512Hz Sonde
507-155	Replacement 90° View Camera Head
507-107	Replacement Battery Pack
507-108	Monitor to Reel Cable 1m
507-112	Remote Control Handset

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### Rausch Inspection Camera


The system comes in its own storage box with a built-in LCD screen to review, monitor and record video footage in real-time. Video footage can be recorded directly onto a USB memory stick & Micro SD Card allowing for video footage to be both viewed, stored and played back. With a Video out facility recordings can also be made directly to a media player or other recording device. The systems comes with software which has a CODEC on to allow users to view video on a PC. Available in 20m and 40m lengths.

- 7" TFT LCD Screen
- Powered by Rechargeable battery pack or AC/DC Adaptor
- 22mm or 12mm diameter camera head
- Adjustable LED lighting
- 12 LED's (22mm); 6 LED's (12mm)
- Captures to USB or Micro SD card
- Remote control handset

**Accessories**

Model No	Description
507-102	Replacement 22mm x 20m reel
507-103	Replacement 22mm x 40m reel
507-104	Replacement 22mm camera head
507-105	Replacement LCD screen
507-107	Replacement battery pack
507-121	Replacement 12mm x 20m reel
507-122	Replacement 12mm x 40m reel
507-123	Replacement 12mm camera head
507-126	22mm Drain Camera Skid Set

Model No	Description
507-100	Drain Camera 22mm x 20m
507-101	Drain Camera 22mm x 40m
507-119	Drain Camera 12mm x 20m
507-120	Drain Camera 12mm x 40m
507-172	Drain Camera 13.5mm x 20m
507-173	Drain Camera 13.5mm x 40m



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**Accessories**

Model No	Description
507-132	Replacement 20m Reel + M/C
507-133	Replacement 40m Reel + M/C
507-167	Replacement S/L 26mm Camera Head
507-139	Wheeled Skid
507-155	Replacement 90° View Camera Head
507-107	Replacement Battery Pack
507-108	Monitor to Reel Cable 1m
507-112	Remote Control Handset

### Self Levelling System

The system comes in its own storage box with a built-in LCD screen to review, monitor and record video footage in real-time. Video footage can be recorded directly onto a USB memory stick & Micro SD Card allowing for video footage to be both viewed, stored and played back. With a Video out facility recordings can also be made directly to a media player or other recording device. The systems comes with software which has a CODEC on to allow users to view video on a PC. Available in 20m and 40m lengths.

- 7" TFT LCD Screen
- Powered by Rechargeable battery pack or AC/DC Adaptor
- 23mm diameter Self Levelling camera head
- Adjustable LED Lighting
- Meter Counter
- Remote control handset

Model No	Description
507-130	S/L Drain Camera System 20m
507-131	S/L Drain Camera System 40m

### Pan & Tilt System

The Pan & Tilt push rod Drain Camera system is available with a 60m or 120m frame and a control box with a built-in LCD screen to review, monitor and record video footage in real-time. Video footage can be recorded directly onto a USB memory stick & Micro SD Card allowing for video footage to be both viewed, stored and played back. With a Video out facility recordings can also be made directly to a media player or other recording device. The systems comes with software which has a CODEC on to allow users to view video on a PC.

- Pan & Tilt Camera Head 59mm dia
- 360° Pan & 180° Tilt movement
- 18 LED adjustable lighting
- 7" TFT LCD Monitor
- Meter Counter
- Powered by Rechargeable battery pack or AC/DC Adaptor
- Remote control handset

Model No	Description
507-400	P&T 60m Drain Camera System
507-400S	P&T 60m + 512Hz Sonde Drain Camera System
507-401	P&T 120m Drain Camera System
507-401S	P&T 120m + 512Hz Sonde Drain Camera System



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**Accessories**

Model No	Description
507-105	Replacement LCD screen
507-107	Replacement battery pack
507-412	Replacement P&T Camera Head



## Gun Barrel Inspection Camera – Artillery



The Gun Barrel Inspection camera system designed for the inspection large bore artillery barrels. The system can be configured to suit most diameter systems. Currently available in 105mm, 120mm & 155mm for use with Light Towed Field Gun, Challenger Tank and AS90 Armoured self-propelled artillery.

The system provides a forward view camera and a side view colour (White LED) camera, the camera heads can be switched between views to identify damage, Verdigris or copper deposits on the rifling of the gun barrel.

The DS100 5" Colour Dual View Monitor Module provides a fully waterproof ruggedized viewing and recording console allowing video or still image capture onto SD card (up to 32GB). The Dual View monitor provides picture-in-picture for precise location of damage in a barrel.

Deployed using a telescopic carbon fibre hybrid pole system which is extendable from 1.2 Mtrs to 4 Mtrs. The system is shipped in waterproof ruggedized Nanuk cases.

NATO Stock Numbers are available for the Inspection Kits and all spares.

**NATO Approved.** NATO Stock Numbers are available for the Inspection Kits and all spares.



Examples of gun barrel damage identified



### Applications:

- 105mm L118 Light Gun
- 120mm Main Battle Tank
- 155mm AS90 Self-propelled Gun

### Secondary applications:

- Bore Hole
- Utility Inspection

### Specifications:

- Viewing Distance from 20mm
- Telescopic Pole 1.2 – 4mtr
- Waterproof Camera Housing rated to IP67 Camera
- 5" Colour LCD monitor
- Extremely low discharge Lithium Ion battery
- Main battery with up to 8 hours continual use from full charge in complete darkness, or 8 hours continuous use in daylight
- Operational weight less than 2.5Kgs

### Gun Barrel System comprises:

- 5" Colour Dual View Monitor
- Telescopic Pole 1.2 – 4mtr
- Dual Head Camera system and skid
- Camera Skid
- Charger and Leads
- Camera Head Case & System Case

Model No	Description
566-911	GBC 90mm Full Kit
566-913	DS100 Inspection System, 105mm Gun Barrel NSN No 4933-99-872-2363
566-914	DS100 Inspection System, 120mm Gun Barrel
566-915	DS100 Inspection System, 155mm Gun Barrel NSN No. 4933-99-350-2702
566-940	GBC 40mm Full Kit
566-976	GBC 76mm Full Kit



SECA Pole Camera



Now available with black light 940nm Infra-Red LED's

Model No	Description
561-902	Short Cable Lead
561-903	Long Cable Lead
561-916	DS100 Neck Strap Bracket Assembly
561-904	DS100 Monitor battery charger

The new SECA Telescopic Pole Camera System is a portable rugged inspection system designed for the Border Agencies, Security Industry, Utilities and Emergency Services. The monitor can be a Pole mounted or free-standing system allowing the operator complete flexibility of movement whilst carrying out searches or surveillance. The Battery pack provides up to 8 hours of constant use and multiple packs can be carried for continual shift work. The Infra Red Camera provides clear high resolution colour images in daylight and switches to infra-red in low light to provide clear black and white images at distances up to 50ft. Articulation can be achieved manually by adjusting the camera head or by placing the camera head against a fixed object and pushing or pulling the head to the desired angle. This is a real benefit when carrying out room/container searches as the camera doesn't need to be collapsed to carry out a full search. The system is available in two extended lengths of either 2.5m or 4m.

- Camera Field of View 90°
- Collapsed lengths 0.85m or 1.2m, Extended length 2.5m or 4m
- Light Source White LED
- 7" TFT Screen
- 5 Hour battery life on 1 charge
- Waterproof to IP54
- SD Card Recording
- Supplied in Padded Shoulder bag and hard carry case

Model No	Description
561-PC2.5/A	Telescopic Pole Camera 2.5m IR 850nm, 240° Articulation
561-PC2.5/B	Telescopic Pole Camera 2.5m IR 940nm, 240° Articulation
561-PC2.5/C	Telescopic Pole Camera 2.5m IR 850nm, 110° Articulation
561-PC4/A	Telescopic Pole Camera 4m IR 850nm, 240° Articulation
561-PC4/B	Telescopic Pole Camera 4m IR 940nm, 240° Articulation
561-PC4/C	Telescopic Pole Camera 4m IR 850nm, 110° Articulation



Cavity Camera



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The Cavity Inspection Camera will provide a high specification solution to Cavity Inspection. The system will allow for in-depth inspections and surveys of cavity wall voids with the capability to take high quality video & stills of the selected area. Utilising a 5" LCD High resolution screen coated with an anti-glare coating to aid use in sunlight, the system will provide a safer, user friendly solution then the traditional optical viewing systems. With high intensity LED lighting the system will be capable of providing light up to 1.5m depending on the cavity depth. The Camera probe can be inserted through 12.5mm drilled holes in brickwork when using the Insertion Tube, but can be inserted through 10mm dia holes if necessary. Suitable applications include Cavity Wall inspection, wall tie & dry rot inspection, pest control, boat surveys and many more where a rigid side-view endoscope is required.

- 5" TFT High Res Screen
- SD Card Recording (MPEG & JPG)
- 2 High Intensity LED Lights
- Powered by Lithium-Ion rechargeable battery

Model No	Description
563-002	Cavity Probe 90° only
561-902	Short Curly Cable Lead
561-903	Long Curly Cable Lead
561-916	DS100 Neck Strap Bracket Assembly
561-904	DS100 Monitor battery charger

Model No	Description
563-002	Cavity Inspection Camera 90° Probe

Probe

**90° Probe**  
This is a replacement Cavity Inspection Camera probe with 90° view. This probe is ideal for cavity inspection, inspecting wall ties etc when used in conjunction with the DS100 Monitor.

- 9.5mm probe diameter
- 270mm probe working length
- Field of View 60°

Model No	Description
563-002	Cavity Probe 90° only







## ME LCD Endoscopes

This Palm sized LCD Monitor style Endoscope is equipped with a LED light source, TFT Display, camera and recorder, in a compact package allowing work to be carried out quickly and easily, without the need for separate laptops / monitors or other recording systems. It also enables team discussion while outputting the image to a TV monitor, and allow better communication with the customer. The 2GB memory card can hold over 15000 photos and you can organise and mail these photos as a working report on a desktop computer after they are transferred through the USB cable. The ME handset has many useful functions to aid clear and precise reports.

- Snap-shot function - allows the user to take a still image while recording or replaying video.
- Screen image rotation - allows the user to rotate the image in 4 directions: 90°, 180°, 270° and 360°.
- Zoom-in/Zoom out - allows the user to zoom in/out up to 2X.
- Photo Comparison - allows the user to see the difference between 2 photos at the same time without having to download to computer to view.
- Magnetic strips - allows the user to stick the handset against a metal surface freeing up his hand.
- 3.5" TFT LCD Screen
- Powered by rechargeable Li-Polymer battery
- Supplied in Aluminium Carry Case

Model No	Description
506-910	ME LCD Endoscope Handset

## ME Endoscope Cables



### Accessories

Model No	Description
506-M35-3	3.9mm dia 35° Mirror
506-M35-3	3.9mm dia 45° Mirror
506-M35-3	3.9mm dia 55° Mirror
506-BG-3	3.9mm dia Ball Guide
506-MAG-3	3.9mm dia Magnet
506-M35	5.5mm dia 35° Mirror
506-M35	5.5mm dia 45° Mirror
506-M35	5.5mm dia 55° Mirror
506-902	5.5mm dia Ball Guide
506-MAG	5.5mm dia Magnet

The ME LCD Endoscope handset has a large range of Flexible, Rigid & Articulating (Steerable) cables as accessories for this system. Each cable is designed for different applications so the user can have one handset and interchange cables as the job requires.

- 4 bright LED lights
- Waterproof to IP67
- Flexible/Obedient 5.5mm dia cables in 1m to 30m lengths
- Flexible/Obedient 3.9mm dia cables in 1m to 20m lengths
- Flexible 90° viewing cables available in 1m to 30m lengths
- Rigid probes in 4mm dia x 12" & 17" lengths
- 90° Mirror tube with rigid probes
- Articulating cables in 5.5mm x 1m, 2m, 3m, 5m, 6m and 7m lengths

### 3.9mm dia Flexible Cables

Model No	Description
506-EXT1-3	3.9mm x 1m Camera Cable
506-EXT2-3	3.9mm x 2m Camera Cable
506-EXT3-3	3.9mm x 3m Camera Cable
506-EXT5-3	3.9mm x 5m Camera Cable
506-EXT10-3	3.9mm x 10m Camera Cable
506-EXT20-3	3.9mm x 20m Camera Cable

### 5.5mm dia Flexible Cables

Model No	Description
506-EXT1	5.5mm x 1m Camera Cable
506-EXT2	5.5mm x 2m Camera Cable
506-EXT3	5.5mm x 3m Camera Cable
506-EXT5	5.5mm x 5m Camera Cable
506-EXT10	5.5mm x 10m Camera Cable
506-EXT20	5.5mm x 20m Camera Cable
506-EXT30	5.5mm x 30m Camera Cable

### 3.9mm Rigid Probes

Model No	Description
506-RT412	3.9mm dia x 12" rigid probe + 90° mirror tube
506-RT417	3.9mm dia x 17" rigid probe + 90° mirror tube

### Articulating Cables

Model No	Description
506-A-EXT1	5.5mm x 1m Articulating Cable
506-A-EXT2	5.5mm x 2m Articulating Cable
506-A-EXT3	5.5mm x 3m Articulating Cable
506-A-EXT5	5.5mm x 5m Articulating cable
506-A-EXT6	5.5mm x 6m Articulating cable
506-A-EXT7	5.5mm x 7m Articulating cable

### 5.5mm dia Flexible Cables with 90° Camera

Model No	Description
506-EXT1/90	5.5mm x 1m Camera Cable 90°
506-EXT2/90	5.5mm x 2m Camera Cable 90°
506-EXT3/90	5.5mm x 3m Camera Cable 90°
506-EXT5/90	5.5mm x 5m Camera Cable 90°
506-EXT10/90	5.5mm x 10m Camera Cable 90°
506-EXT20/90	5.5mm x 20m Camera Cable 90°
506-EXT30/90	5.5mm x 30m Camera Cable 90°

## HD Articulating Videoscopes

### Q-Series Industrial Videoscope

The Q Series Articulating Videoscope adopts the latest digital high-definition image processing technology, with a 5.5 inch OLED large touchscreen to ensure clear images. The Q Series offers diameters from 1.1mm up to 6mm and lengths from 1m up to 3m, these systems offer a choice of Depth of Field and Field of View making these the most up-to-date Articulating Videoscopes on the market. Another benefit of these systems is the LED lighting has improved greatly with the Lux rating for the Q Series starting from 8,000 up to 100,000 depending on model selected. The Q Series has a replaceable insertion tube structure with multiple camera options which offers the user the choice and flexibility to suit their needs with one base unit and multiple insertion tubes. The Q-Series 1.7 & 2.2mm diameter systems have 2-way articulation and the 2.8mm, 4mm & 6mm have 4-way articulation.

*Because of the range of diameters, lengths and depth of field, it is advised to contact the office to discuss which system would suit your application.*



- Screen HD OLED
- Zoom - 10 Levels 2.5 X
- Image Colour Colour or Negative
- Screen Res 1920 x 1080
- Tube Tungsten Braided Insertion Tube
- Photo Format BMP, PNG, JPG
- Video Format AVI, MP4
- Measurement 2D comparison measurement
- Probe Working Temp -20° to +70°
- Text Annotate Photo, Add Arrows /Comments
- Ports HDMI, Micro USB

### Q-Series Dual Camera Videoscope

As the Q-Series Videoscope but with two cameras at the tip, one facing forward and the other facing at 90°.



Part No	Description	DOF (mm)	FOV	Lux
525-9040100891	4mm x 1m	F:5-100; S:3-50	F:100°; S:120°	F:45,000; S:10,000
525-9040100892	4mm x 1.5m	F:5-100; S:3-50	F:100°; S:120°	F:45,000; S:10,000
525-9040100893	4mm x 2m	F:5-100; S:3-50	F:100°; S:120°	F:45,000; S:10,000
525-9040100894	4mm x 3m	F:5-100; S:3-50	F:100°; S:120°	F:45,000; S:10,000
525-9040100876	6mm x 1m	F:8-100; S:3-50	F:100°; S:100°	F:30,000; S:30,000
525-9040100877	6mm x 1.5m	F:8-100; S:3-50	F:100°; S:100°	F:30,000; S:30,000
525-9040101076	6mm x 2m	F:8-100; S:3-50	F:100°; S:100°	F:30,000; S:30,000
525-9040100878	6mm x 3m	F:8-100; S:3-50	F:100°; S:100°	F:30,000; S:30,000
525-9040101244	2.8mm x 1m	3-50mm	120°	6,000
525-9040101245	2.8mm x 1.5m	3-50mm	120°	6,000
525-9040101246	2.8mm x 2m	3-50mm	120°	6,000

#### Videoscope Stands for Q-Series & M-ADV

Part No	Description
525-500	M-ADV Standard Stand
525-501	M-ADV Magnetic Stand
525-502	Q-Series Standard Stand
525-503	Q-Series Magnetic Stand



### M-ADV Industrial Videoscope

The M-ADV Series Articulating Videoscope uses the latest image processing technology to produce high resolution images using ultra bright lighting up to 10,000 Lux. The high output LED and Fibre light source provides excellent light rendering and colour interpretation. The M-ADV Series offers a diameter range from 2.2mm



### M-ADV Dual Camera Videoscope

As the M-ADV Series Videoscope but with two cameras at the tip, one facing forward and one facing at 90°.

Part No	Description	DOF (mm)	FOV	Lux
525-11263010	6mm x 1m	F:7-80; S:3-30	F:100°; S:90°	F:5,000; S:10,000
525-11263015	6mm x 1.5m	F:7-80; S:3-30	F:100°; S:90°	F:5,000; S:10,000
525-11263020	6mm x 2m	F:7-80; S:3-30	F:100°; S:90°	F:5,000; S:10,000
525-11263030	6mm x 3m	F:7-80; S:3-30	F:100°; S:90°	F:5,000; S:10,000
525-11263050	6mm x 5m	F:7-80; S:3-30	F:100°; S:90°	F:5,000; S:10,000
525-11263080	6mm x 8m	F:7-80; S:3-30	F:100°; S:90°	F:5,000; S:10,000
525-11263010	6mm x 10m	F:7-80; S:3-30	F:100°; S:90°	F:5,000; S:10,000

### M-RF IR Series Infra-Red Industrial Videoscope

The M-RF series IR Infrared Industrial Borescope Camera is a customized endoscope type for such special industries. Based on mechanical control of 360° rotation, it can reduce the noise to the lowest level. With a 6mm infrared night vision lens, it can achieve 10-meter/20-meter effective observing distance under a totally dark environment, in order to lower the risk of observers. In the process of criminal investigation and security work, how to skilfully and secretly observe the target environment plays an essential role.

Part No	Description
525-11165010	M-RF 6mm x 1m IR Videoscope
525-11165015	M-RF 6mm x 1.5m IR Videoscope
525-11165020	M-RF 6mm x 2m IR Videoscope
525-11165030	M-RF 6mm x 3m IR Videoscope

up to 6mm and cable lengths of 1m up to 10m depending on model selected. The 360° joystick provides excellent camera tip movement with the ability to understand where the camera head is when conducting an inspection. The camera heads produce a Field of View from 100° to 120° depending on which model is selected. The M-ADV 2.2mm diameter systems have 2-way articulation and the 2.8mm, 3.9mm & 6mm have 4-way articulation.

*Because of the range of diameters, lengths and depth of field, it is advised to contact the office to discuss which system would suit your application.*

- Screen High Brightness IPS, 3.5 inch LCD
- Screen Res 640x480
- Tube Tungsten Braided Insertion Tube
- Photo Format JPG, JPEG
- Video Format AVI
- Zoom 4x Digital Zoom
- Working Temp. -20° - 50°
- Ports HDMI, Micro USB, Headset interface

- M-RF series night vision endoscope can achieve 10-meter/20-meter effective observation distance under a totally dark environment and the lens with invisible light (940nm).
- 6mm front camera makes it possible to be inserted into small space to observe.
- 450,000 effective pixels, the visual field can be clearly detected.
- Mechanical control of 360° rotation can achieve observation in all small direction.
- The whole body weighs only 0.6kg, portable and convenient
- Interchangeable probes— one main body can match several probes to satisfy different demands.
- Optional magnetic support base, the host can be attached to the detected shell (metal material) in special circumstances.
- Removable Host and support base structure, easy to work on the desktop when the product will be fixedly placed.



## Q Series UV Light Videoscope

As the Q Series Videoscope but offers Dual Light source, one white light and the other UV light.



Part No	Description	DOF (mm)	FOV	Lux
525-9040100891	4mm x 1m	3-50mm	120°	35mW, 365nm
525-9040100892	4mm x 1.5m	3-50mm	120°	35mW, 365nm
525-9040100893	4mm x 2m	3-50mm	120°	35mW, 365nm
525-9040101491	4mm x 3m	3-50mm	120°	35mW, 365nm
525-9040100894	6mm x 1m	3-50mm	120°	60mW, 365nm
525-9040100895	6mm x 1.5m	3-50mm	120°	60mW, 365nm
525-9040100896	6mm x 2m	3-50mm	120°	60mW, 365nm
525-9040100897	6mm x 3m	3-50mm	120°	60mW, 365nm

## M-ADV Dual Light (UV) Videoscope

As the M-ADV Videoscope but offers Dual Light source, one white light and the other UV light.



Part No	Description	DOF (mm)	FOV	Lux
525-11230010	2.8mm x 1m	3-50mm	120°	35mW, 365nm
525-11230015	2.8mm x 1.5m	3-50mm	120°	35mW, 365nm
525-11230020	2.8mm x 2m	3-50mm	120°	35mW, 365nm
525-11246010	3.9mm x 1m	3-50mm	120°	35mW, 365nm
525-11246010	3.9mm x 1m	3-50mm	120°	35mW, 365nm
525-11246015	3.9mm x 1.5m	3-50mm	120°	35mW, 365nm
525-11246020	3.9mm x 2m	3-50mm	120°	35mW, 365nm
525-11246030	3.9mm x 3m	3-50mm	120°	35mW, 365nm
525-11266010	6mm x 1m	3.50mm	120°	35mW, 365nm
525-11266015	6mm x 1.5m	3.50mm	120°	35mW, 365nm
525-11266020	6mm x 2m	3.50mm	120°	35mW, 365nm
525-11266030	6mm x 3m	3.50mm	120°	35mW, 365nm
525-11266040	6mm x 4m	3.50mm	120°	35mW, 365nm

## M-ADV Dual Light (IR) Videoscope

As the M-ADV Videoscope but offers Dual Light source, one white light and the other IR light.

Part No	Description	DOF (mm)	FOV	Lux
525-11265010	6mm x 1m	50mm~	80°	100mW, 940nm
525-11265015	6mm x 1.5m	50mm~	80°	100mW, 940nm
525-11265020	6mm x 2m	50mm~	80°	100mW, 940nm
525-11265030	6mm x 3m	50mm~	80°	100mW, 940nm



## iRis DVR 7



Compact dimensions, minimal weight and optimal handling are the outstanding attributes of the iRis DVR 7 Videoscope. With the tactile 4-way 360° articulation the distal end can be positioned as desired in a fast, precise manner. Adjustable and interchangeable lenses with different fields of view, focal points and working distances as well as the ultra-high brightness of the light source guarantee that you do not miss any detail on the 7" TFT screen. The integrated rechargeable high powered battery allows 2 hours continuous use or the system can be powered from the mains with the optional 12v adapter.

- 7" TFT Colour Touch Screen
- Display Resolution: VGA (1024x600 pixels)
- Battery: Li-Ion
- Video Format: MPEG4 (.avi) with time & date
- Image Format: BMP (bmp) with time & date)
- Storage: SDHC Memory Card up to 32GB
- Image Sensor: High Res Super HAD CCD
- Zoom: 16 Step Digital
- Built in text overlay generator
- Colour Temp: 6500k
- Lamp Life: 5000 hrs
- Tip Operating Temp: -25°C to 80°C
- Waterproof Rating: Probe and distal end up to 14.7psi (1 Bar)
- User Interface: Direct action keys / function keys / arrow keys
- 4 Way Articulation
- 1.5 - 7.5 Mtr Length

### Description

4mm Dia Probe - Integrated Objective Lens - Lengths 1.5 - 4 Mtr  
 6mm Dia Probe - Interchangeable Objective Lens - Lengths 1.5 - 7.5 Mtr  
 8mm Dia probe - Interchangeable Objective Lens - lengths 1.5 - 7.5 Mtr

## XLED digital



The XLED Video system is a small and highly portable inspection system for all kinds of infield inspections. The system contains the 3mm or 4mm XLED Videoscope with a 2-way Articulating cable combining a high quality image (compared to standard fiberscopes) with an attractive price. There are 2 versions of the XLED Videoscope available, one is dedicated to 0° DOV (Direction of View) and one dedicated to 90° DOV both with a 90° FOV (Field of View). With the integral High Powered Light Source and the iCapture Digital Monitor it makes a complete and easy to handle Video Inspection System. The XLED Videoscope comes with the iCapture Digital Monitor (with rechargeable battery) or with a HDMI box to connect to any HDMI monitor.

- 5" TFT Colour Monitor
- Rechargeable Li-ion Battery
- Optional 12v power adapter
- Display Resolution: 640 x 480 pixel
- Colour Temperature: 6500k
- Probe: Multilayer tungsten braid on PU jacket
- Waterproof to 1 bar
- Oil and saline resistant
- Operating Temperature: -25°C to +80°C
- Digital zoom

### Description

3mm or 4mm x 1.5 Mtr Side View (90° DOV), 2 Way Articulation  
3mm or 4mm x 1.5 Mtr Forward View (0° DOV), 2 Way Articulation  
6mm Dia. Available on request

## Rigid Endoscopes – Industrial Line

The extreme robust rigid and semi flexible endoscopes of the industrial line were especially developed for industrial applications. The well-thought-out lens system of the industrial line endoscopes delivers low distorted, high precision images. They are characterized by high image quality and heavy duty design. Industrial line endoscopes are available in different styles:

- High precision
- Ideal for small cavities
- 1.9mm to 4mm Diameter
- Length: 175mm to 302mm
- Various DOV 0°, 30°, 70°, 90°



## Multi Swing Prism

Multi Swing Prism Borescopes from IT Concepts are highly developed inspection devices, assembled from highly precise optical and mechanical parts. Design, construction and special manufacturing make them suitable for professional use in daily rough industrial applications. By means of Multi Swing Prism an individually adjustable direction of view is provided. This allows prograde (forward) or retrograde (backward) view during the inspection without changing the scope.

Probe diameter from 6,0mm up to 9,0mm  
Working length from 115mm up to 1405mm

- Robust high precision optics
- 370° Rotation
- Line of vision: 7° to 133°
- Angle of vision: 45°







### Microflex

MicroFlex micro fibre endoscopes are developed especially for industrial applications with tight inspection apertures or small drill holes. MicroFlex endoscopes are ideal for inspecting small workpieces, delicate drill holes, injection tubes, turbine blades, random inspection in large series production and security relevant parts. MicroFlex fibre endoscopes are available in different styles:

- Elegant, high-resolution, flexible
- Optical imaging guide made from silica fibre
- Variable working lengths
- Diameter 0.5mm to 1.8mm
- Special designs possible on request

### iFlex

iFlex Fiberscopes contain an optical image guide made of highly flexible, thin and parallel single fibres. A focusable ocular adjusts the optic system to the visual acuity of the viewer. Additional to the direct view objective, a side view tip adapter can be provided.

- High resolution flexible and controllable
- Robust
- Optical image guide made from highly flexible fibre glass
- Various working lengths
- 2.4mm to 8mm Diameter



### iSeries interchangeable probes

Industrial Videoscope with focusable lens adjust focus range without changing lenses. Four advanced innovations are designed into resulting in extremely economical Videoscope inspections. Match your budget requirements utilizing a range of image displays, image management system or documentation systems for playback, still image or video recording. The same modularity also applies to light sources, light source adapters and light guide cable adapters. The iSeries Videoscope can be connected with almost any light source. This modular Videoscope is scalable and may be upgraded or retrofitted to meet your evolving needs. A solution that grows with you!

- Excellent image quality
- Interchangeable lenses
- Ergonomic handle
- Precise articulation control
- Temperature resistant up to 140°C
- Variable video interface
- Working channel (iWC)
- UV Version

### UV Light illumination

Standard Videoscope's are built with glass fibers to optimise the transmission of light in the visible range. Those fibers absorbing the UV light that is necessary for fluorescence stimulation. A special instrument is required in order to transmit the ultra violet light and view the fluorescing image with the same device. IT Concepts offers for UV (Ultra Violet) illumination flexible Videoscope's with articulation. The integrated high transmission quartz fibers allow effective illumination of UV light, starting at 250nm.



### iWC Working Channel

iWC Working Channel helps you retrieve foreign objects, take samples, hook or drag objects that are difficult to reach. A variety of tools are available which allows you to perform a wide range of applications.

- See and work
- Working lengths up to 7.5 Mtrs
- Snare basket
- Three prong grabber
- Hook
- Magnet
- Side view tip



## Security

Hiding places for drugs, contraband, explosives and weapons become more and more ingenious. Stolen automobiles are increasingly difficult to identify, especially when time is short. Therefore manageable means of inspection, surveillance and reconnaissance are indispensable for investigators and security agencies. Operative and tactical means for danger prevention by IT Concepts are approved, sturdy and hard wearing. They have been in use for years in great quantities by military in crisis regions, police and customs all over the world. ITC your partner in technologies for preserving homeland security.

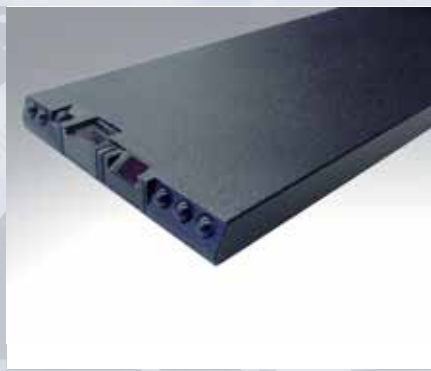


### iRis MiL

- Made for security
- Visible and infrared LED
- Light sensitive B&W Super-HAD CCD sensor
- Noiseless articulation control
- 5" high resolution display
- Bright and high contrast display
- 8mm Dia Probe
- Available 1, 2, 3 Mtr lengths
- Sensitivity 0.005 Lux

## IR Under Door kit

- IR Under Door Camera
- Switchable DOV (forward / up)
- Light sensitive B&W Super-HAD CCD sensor
- 6mm Blade height
- Direction of view 15°



### flexLED

The LED endoscope is designed specifically for law enforcement. This is the only fiberscope with incorporated battery and LED lighting directly into the handle. There are no cables to connect, making it the easiest and fastest endoscope to use. The scope can be easily grounded and allows fast and safer inspection of tanks, doors, ventilation systems and other cavities.

- Non-conductive polyurethane tube or tungsten braid
- 6mm Dia 2 way articulation
- Lengths 1.5 – 2.7 Mtrs
- High power LED integral light source
- Petrol and Oil resistant



## iRis XT ATEX Rated Articulating Videoscope

### ATEX Rating - Ex II 3 G Ex ic nA IIC T4 Gc -25°C < Ta < +45°C

Extremely compact dimensions, minimal weight and optimal handling are the outstanding attributes of the iRis XT ATEX rated Videoscope Inspection system available from RAUSCHuk Ltd.

The iRis XT is dedicated to search for contraband in hidden areas of cars, buildings and other areas. The insertion tube is gasoline and fuel resistant and allows the user to ground the iRis with the inspection area.

With minimal effort the iRis XT is ready to use in seconds. The distal end can be moved to any desired position fast, easy and precisely due to the approved tactile 2 and 4-way articulation of up to 360°. The high brightness of the LED light source (inside the scope handle) guarantees that you will not miss any detail on the 5" high resolution TFT display. The integrated, changeable & rechargeable high powered battery allows 2 hours of operating time. The balanced handle allows for long & effortless use.

The iRis DVR XT Inspection System is a 'ready to go' Video kit which includes the iRis XT Inspection System (specified by articulation, diameter & working length) with one battery, charger and neck-holder in a iRis case.

Part No	System	Diameter	Length	DOV
<b>4mm x 4-way</b>				
279-44015	iRis 44-15 DVR XT	4mm	1.5m	0°
279-44020	iRis 44-20 DVR XT	4mm	2m	0°
279-44030	iRis 44-30 DVR XT	4mm	3m	0°
279-44040	iRis 44-40 DVR XT	4mm	4m	0°
<b>6mm x 4-Way</b>				
279-46015	iRis 46-15 DVR XT	6mm	1.5m	0°
279-46020	iRis 46-20 DVR XT	6mm	2m	0°
279-46030	iRis 46-30 DVR XT	6mm	3m	0°
279-46040	iRis 46-40 DVR XT	6mm	4m	0°
279-46050	iRis 46-50 DVR XT	6mm	5m	0°
279-46060	iRis 46-60 DVR XT	6mm	6m	0°
279-46075	iRis 46-75 DVR XT	6mm	7.5m	0°
<b>8mm x 4-Way</b>				
279-48015	iRis 48-15 DVR XT	8mm	1.5m	0°
279-48020	iRis 48-20 DVR XT	8mm	2m	0°
279-48030	iRis 48-30 DVR XT	8mm	3m	0°
279-48040	iRis 48-40 DVR XT	8mm	4m	0°
279-48050	iRis 48-50 DVR XT	8mm	5m	0°
279-48060	iRis 48-60 DVR XT	8mm	6m	0°
279-48075	iRis 48-75 DVR XT	8mm	7.5m	0°





## R Series Articulating Dual Light Videoscope

In criminal investigation and security work, how to observe the target environment ingeniously and covertly plays a vital role in the efficiency and success rate of mission execution!

The R series ultra-long-distance night vision dual light endoscope is a product tailored for special industries such as criminal investigation and security. The product adopts mechanical structure to control the 360° flexible steering of the probe to minimize the noise generated during operation; it is equipped with a 5mm infrared night vision camera and an effective observation distance of up to 20m, which is perfectly adapted to the detection work in day and night. Especially in criminal investigation work, the structure and personnel situation inside the room can be obtained covertly, thereby improving efficiency and reducing danger!

- Infrared & White light can be switched at will.
- Flexible 360° joystick control.
- Handset waterproof to IP65.
- Integrated 3.5mm head microphone

Model No	Description	DOF	AOV	Light
525-16152010	R Series Videoscope 5mm dia x 1m	50mm to ∞	70°	180mW/60k Lux
525-16152015	R Series Videoscope 5mm dia x 1.5m	50mm to ∞	70°	180mW/60k Lux
525-16152020	R Series Videoscope 5mm dia x 2m	50mm to ∞	70°	180mW/60k Lux



## HD Telescopic Pole Camera System



The total system for quick, safe covert and overt inspections in all environments.

The Rausch UK HD Telescopic Search Camera is a complete system that provides a quick, secure way to perform inspections and surveys at height and difficult to reach places. Full colour images can be viewed in daylight, and in darkness the system switches automatically to infrared technology. The screen console is easily attached to the telescopic pole – enabling great mobility and rapid deployment. The compact and easy to use design of the Pole System can be used with minimal training by the military, police, prison service, customs and excise, security and many other industry sectors. The HD Pole Camera offers reliability, high quality visual and audio capture and is robust enough to endure front-line military use.

Model No	Description
573-HDPC4/A	4m HD Pole Camera Kit 240° 940nm
573-HDPC4/B	4m HD Pole Camera Kit 120° 940nm
573-HDPC4/C	4m HD Pole Camera Kit 240° 850nm
573-HDPC4/D	4m HD Pole Camera Kit 120° 850nm

### Specifications

#### Camera

- Lens FL4,6 f4.5 (Fixed)
- Sensor 2.08mm CMOS
- Resolution 1920x1080
- Sensitivity 0.01 LUX
- IR Illumination 940nm or 850nm
- Waterproof IP65

#### Monitor

- LCD Screen 7.0" TFT
- Sunlight readable with protective cover
- Driver Element a-Si TFT active matrix
- DVR resolution 1920x1080
- Video/Still images MPEG/JPEG
- Memory Internal/USB
- WiFi & Bluetooth connectivity
- HDMI Port
- Battery Meter
- Waterproof IP54

## Light Sources

Light Guides and cables to link light sources and borescopes are available in various diameters, lengths and fittings. Please contact the office to discuss.



### SuperNOVA

The HawkEye SuperNOVA Light comes with all Pro Borescope kits. This xenon doped halogen light is bright enough for all but the largest and darkest cavities. It shows detail you would miss with a less powerful light.

- Xenon 3w Torch Style Light source

Model No	Description
545-SUPERNOVA	SuperNOVA

### Luxxor 35

The Luxxor 35 Light has a 24-watt metal halide arc lamp, for very high brightness. It is 60% brighter than a typical 150w halogen light. Use it for dark, deep subjects and video or still photography.

- Lamp Life: 500hrs

Model No	Description
545-LUXXOR24	Luxxor24 240v



### LUMLED

The LUMLED Light Source is a high powered LED light source producing a light with a colour temperature of 4500k using 8 watt LED's. The LED's has a lamp life of approx. 50,000 hours making this a very cost effective light source.

- Lamp Life: 50,000hrs

Model No	Description
545-LUMLED	LUMLED 230v

## Hawkeye



The clarity and brightness of the Hawkeye Pro Slim Borescope brings out all the details in your subject. Every Hawkeye is designed with professional users in mind. These top of the line rigid borescopes deliver bright clear detailed high contrast images. Every Hawkeye Borescope includes: the latest endoGRINS image relay lenses, multicoated objective lens, Super bright, portable superNOVA Light with rechargeable SuperNOVA Lithium-Ion batteries.

**Kits include** (there may be some variation depending on model ordered)

- Hawkeye pro Precision Borescope
- 90° Mirror Tube
- SuperNOVA Light and charger
- Rugged Hawkeye Carrying Case
- Hawkeye Cleaning kit

### Pro MicroSlim 1.85mm Dia

Model No	Description
545-MS03-NVK	Pro MicroSlim Kit 1.85mm x 80mm
545-MS05-NVK	Pro MicroSlim Kit 1.85mm x 120mm
545-MS07-NVK	Pro MicroSlim Kit 1.85mm x 178mm

### Pro SuperSlim 2.49mm Dia

Model No	Description
545-PSS-04NVK	Pro SuperSlim Kit 2.49mm x 102mm
545-PSS-08NVK	Pro SuperSlim Kit 2.49mm x 185mm

### Pro MicroSlim 1.85mm Dia

Model No	Description
545-PSS-10NVK	Pro SuperSlim Kit 2.77mm x 265mm
545-PSS-14NVK	Pro SuperSlim Kit 2.77mm x 350mm
545-PSS-17NVK	Pro SuperSlim Kit 2.77mm x 435mm

### Pro Hardy 6.35mm Dia

Model No	Description
545-PH07-NVK	Pro Hardy Kit 6.35mm x 180mm
545-PH12-NVK	Pro Hardy Kit 6.35mm x 305mm
545-PH17-NVK	Pro Hardy Kit 6.35mm x 435mm
545-PH22-NVK	Pro Hardy Kit 6.35mm x 559mm

### Pro Super Hardy

Model No	Description
545-PSH28-NVK	Pro Super Hardy kit 7.2mm x 711mm
545-PSH37-NVK	Pro Super Hardy kit 7.2mm x 940mm

### Pro Slim 4.2mm Dia

Model No	Description
545-PS02-NVK	Pro Slim Kit 4.2mm x 50.8mm
545-PS07-NVK	Pro Slim Kit 4.2mm x 180mm
545-PS12-NVK	Pro Slim Kit 4.2mm x 305mm
545-PS17-NVK	Pro Slim Kit 4.2mm x 435mm
545-PS22-NVK	Pro Slim Kit 4.2mm x 560mm



As part of the Rausch International Group (RIG) RAUSCHuk supplies a range of Push Rods, Crawlers, Cutters and UV lighting Rehab equipment to the UK market. Crawler range is from 50mm up to 3000mm.

<https://www.rauschtv.com/en/products/Rausch-basic>

## Rausch Basic



### Omicron Push

- Rausch-Tab
- Pan and tilt head camera: KS 40, KS 60
- Axial view camera: SAT 42 with horizontal picture
- Up to 80 m push cable
- Path length measurement in mm resolution
- Expandable with LATRAS for pipeline route measurement
- Determining the diameter
- Continues internal pressure check



### Omicron Drive

- Rausch-Tab
- Crawler FW 90 with camera KS 40, KS 60
- Up to 200 m camera cable
- Manual guidance
- Crank handle
- Path length measurement in mm resolution
- Continues internal pressure check

## Rausch Mobile

### Cubix 300

- Rausch-Tab
- Electric cable drum with up to 300 m camera cable
- Control panel with status display
- Foil buttons for the operation from the rear area
- Electric and manuel brake
- Remote control
- Cross guide spindle and folding arm
- Continues internal pressure check
- Option: Radio remote control



## Rausch Crawler + Cameras



### Crawler FW 90

- 100-600mm
- 3 drive axles
- Manuel/automatic steering function
- Continuously adjustable automatic reversing mechanism
- Camera quick connect
- Mechanical camera high adjustment
- Continues internal pressure check

### Camera KS 60

- 100-600 mm
- Pan and tilt camera
- Full HD quality: 1920 x 1080 Pixel
- Manual and automatic focus control
- 2 laser diodes for measurement
- Multiple zoom
- Integrated positioning: 33 KHz and 512 Hz
- Integrated 3D-Sensor
- Continues internal pressure check
- Option: LATRAS

### Crawler FW 135

- 135-1600 mm
- Extension with Lafette up to 3000 mm or 118"
- Manuel/automatic steering function
- Continuously adjustable automatic reversing mechanism
- Camera quick connect
- Electric lifting gear
- Rear view camera
- Tilt sensor
- Temperature measurement
- Continues internal pressure check
- Option: M-Series

### Crawler KS 135

- 135-3000mm
- Pan & Tilt camera
- HD quality: 1920 x 1080 Pixel
- 2 laser diodes for precise measurement
- Zoom: 10x optical
- Wireless additional lighting
- Option: variable camera head turning speed for deformation measurement
- Lens with automatic diaphragm, auto focus, manual focus
- Continues internal pressure check

## Rausch Comfort

### Elka 600 HD

- Rausch-Tab
- Cable drum with up to 300m camera cable
- Specially developed for the VML technology
- Full-HD video transmission
- Cooper cable without fibre optics
- Working spotlight
- Monitor
- Cable remote control
- Cross guide spindle
- Telescopic swivel arm and chain winch
- Continues internal pressure check
- Option: Radio remote control

## Rausch Rehab

**WE ARE UNIQUE. WORLDWIDE.** Rausch Rehab has made a quantum leap in the technology of trenchless sewer rehabilitation. The expert in innovative technologies for UV curing in sewer rehabilitation and milling robotics.

### RRC1 Milling Robot

THE RRC1 Milling Robot. The perfect solution for converting and maintaining the underground infrastructure!



- Daylight readable 12" Touch display
- Integrated PC
- Operating System: Windows 10
- Full HD Camera
- Pipe Dia's 200-800mm
- Electric Motor (power up to 2.5kW)
- Endless circling of the arm
- Rear view camera
- Fully automatic cable drum up to 300m
- Easy to install in the vehicle

#### Accessories

- Wheelset 200-800mm
- Adaptation Top Hat System
- Camera Extension
- Adaptation High Pressure Nozzle

### UV Systems (UV Curing Systems)

The innovative UV systems developed by Rausch Rehab for curing GRP liners, the intensity measurement system for UV lamps, prophylactic quality assurance, scientifically supported further development and the precise milling robots promise sewer rehabilitation of the highest quality.



Intensity Measurement Kit RRCure INT02

#### INTENSITY METER CASE RRCure INT02

The present system measurement technology was developed for quality analysis and measuring individual UV lamps used in the field of UV light-curing sewer rehabilitation.

The following measurements are possible:

##### Test option A

Absolute measuring by integrated electronic ballast, 400 to 1200 watts

##### Test option B

Measuring the light source powered directly by the UV vehicle.

##### Test option C

Measuring external emitters of UV cores

### RRCURE 100

Self-sufficient UV light curing system, e.g. as an add-on for rehabilitation measures difficult to access or complete the existing fleet of UV systems.

- DN 100-300/350 (with LQ 100 / 300)
- DN 150-600 (with LQ 150 / 650)
- Cable length: 120 m
- UV lamp power: 6 x 400/600 Watts

#### RRCure 100MH

- DN 800-2000 vertical

#### RRCURE 1500 COMPACT

- DN 150-1500

#### RRLQ 150/600

- Radial lamp train - DN 150-650

Or

#### RRLQ 1500

- Radial lamp train - DN 700-1500

#### RRCURE 2000 / TRUCK

UV light curing system designed for vehicle conversion.

RRcure 2000 / Truck - 250 - 300 m cable

- DN 150-2000

#### RRLQ 150/600

Or

#### RRLQ 1500

Or

#### RRLQ 2000 EXT Core

#### RRLQ MH HYBRID

Can be used with all UV light curing systems on the market. Corresponding necessary adapters are available.

#### RRLQ MH Hybrid

- DN 800-1200 + vertical / depending on system capacity





## Mini 4.5mm Pipe

The Mini PipeDart is a frame mounted cable pulling system manufactured from 4.5mm Diameter Composite Fibreglass Rod sheathed in yellow polypropylene to aid wear resistance. Also known as Cobra, Flexi Rod or Duct Rod. The construction of this product allows for fast feed out and rewind is fitted with a friction brake and is supplied with a Bullet End Guide Tip.

- 4.5mm Fibreglass rod with polypropylene sheath
- Brass end fitting and smooth profile bullet end guide tip fitted
- Steel construction Frame
- Dimensions: 560mm x 410mm x 180mm
- Friction brake

Model No	Description
202-30M	Mini PipeDart 4.5mm x 30 Mtr
202-50M	Mini PipeDart 4.5mm x 50 Mtr
202-80M	Mini PipeDart 4.5mm x 80 Mtr
202-100M	Mini PipeDart 4.5mm x 100 Mtr



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## Compact 9mm Pipe

The PipeDart Compact cobra rodding system gives a compact and labour saving solution for cable installation whether installing cables in ducts, threading draw ropes through larger diameter pipes or when using with a Sonde transmitter for locating pipes and blockages. Fitted with wheels for ease of use.

- 9mm Diameter Fibreglass rod with polypropylene sheath
- Steel construction Frame
- Dimensions: 950mm x 820mm x 400mm
- Friction brake
- Brass end fitting and smooth profile bullet end guide tip fitted

Model No	Description
3C-9-50	PipeDart Compact 9mm x 50 Mtrs
3C-9-60	PipeDart Compact 9mm x 60 Mtrs
3C-9-80	PipeDart Compact 9mm x 80 Mtrs
3C-9-100	PipeDart Compact 9mm x 100 Mtrs
3C-9-120	PipeDart Compact 9mm x 120 Mtrs
3C-9-150	PipeDart Compact 9mm x 150 Mtrs
3C-9-180	PipeDart Compact 9mm x 180 Mtrs
3C-9-200	PipeDart Compact 9mm x 200 Mtrs



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## Large Frame Cobras

The PipeDart Large frame cobra rodding system gives aid the use of larger diameters and longer lengths of duct rod aiding productivity. Used for installing cables in ducts, threading draw ropes through larger diameter pipes or when using with a Sonde transmitter for locating pipes and blockages.

### Ferret 6mm Pipe

The PipeDart 'Ferret' cobra rodding system gives a compact and labour saving solution for cable installation whether installing cables in ducts, threading draw ropes through pipes or when using with a Sonde transmitter for locating pipes and blockages.

- 6mm Diameter Fibreglass rod with polypropylene sheath
- Brass end fitting and smooth profile bullet end guide tip fitted
- Steel construction Frame
- Dimensions: 700mm x 580mm x 250mm
- Friction brake

Model No	Description
3F-6-30	PipeDart Ferret 6mm X 30 Mtr
3F-6-50	PipeDart Ferret 6mm X 50 Mtr
3F-6-60	PipeDart Ferret 6mm X 60 Mtr
3F-6-80	PipeDart Ferret 6mm X 80 Mtr
3F-6-100	PipeDart Ferret 6mm X 100 Mtr
3F-6-120	PipeDart Ferret 6mm X 120 Mtr
3F-6-150	PipeDart Ferret 6mm X 150Mtr



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### 9mm Diameter Rod

Model No	Description
3L-9-100	PipeDart Large 9mm x 100 Mtrs
3L-9-120	PipeDart Large 9mm x 120 Mtrs
3L-9-150	PipeDart Large 9mm x 150 Mtrs
3L-9-200	PipeDart Large 9mm x 200 Mtrs
3L-9-250	PipeDart Large 9mm x 250 Mtrs

### 11mm Diameter Rod

Model No	Description
3L-11-100	PipeDart Large 11mm x 100 Mtrs
3L-11-120	PipeDart Large 11mm x 120 Mtrs
3L-11-150	PipeDart Large 11mm x 150 Mtrs
3L-11-200	PipeDart Large 11mm x 200 Mtrs
3L-11-250	PipeDart Large 11mm x 250 Mtrs
3L-11-300	PipeDart Large 11mm x 300 Mtrs

### 14mm Diameter Rod – High Capacity Frame

(These rods are supplied on high capacity frames for safety.)

Model No	Description
3L-14-100	PipeDart 14mm x 100 Mtrs
3L-14-150	PipeDart 14mm x 150 Mtrs
3L-14-200	PipeDart 14mm x 200 Mtrs
3L-14-250	PipeDart 14mm x 250 Mtrs
3L-14-300	PipeDart 14mm x 300 Mtrs
3L-14-350	PipeDart 14mm x 350 Mtrs
3L-14-400	PipeDart 14mm x 400 Mtrs

## Pipe Accessories



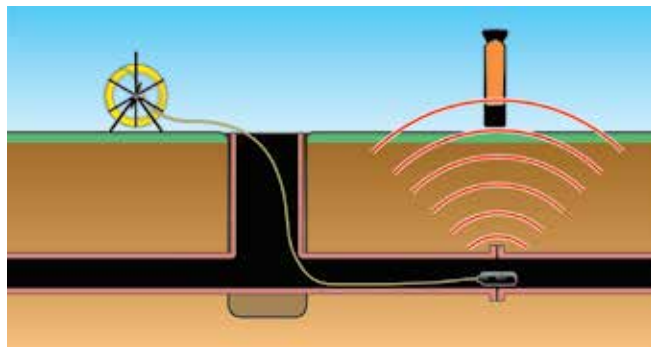
### 4.5 mm Fittings

Model No	Description
3-4-EF	4mm End Fitting (M5 Thread)
3-4-S	4mm Splice
3-46-BE	4mm Bullet End
3-46-GT	4mm Guide Tip
3-46-SA	4mm Sonde Adapter (M5 / M10 Thread)
320-100	4.5mm Repair / Accessory Kit*

### 6 mm Fittings

Model No	Description
3-6-EF	6mm End Fitting (M5 Thread)
3-6-SE	6mm Spring End Guide Tip
3-6-S	6mm Splice
3-46-GT	6mm Guide Tip
3-46-BE	6mm Bullet End
3-46-SA	6mm Sonde Adapter (M5 / M10 Thread)
320-101	6mm Repair / Accessory Kit*

\*Repair / Accessory Kits contain 2 x End Fitting, 2 x Guide Tip, 2 x Splice and 2 x Glue



### 9/11 mm Fittings

RAUSCHuk

Model No	Description
3-9-EF	9mm End Fitting (M12 Thread)
3-9-S	9mm Splice
3-9-M10F	9mm Female M10 End Fitting (For Sonde attachment)
320-102	9mm Repair / Accessory Kit*
3-11-EF	11mm End Fitting
3-11-S	11mm Splice
320-103	11mm Repair / Accessory Kit*
3-911-SE	Spring End Guide Tip
3-911-SA	Sonde Adapter (M10 / M12 Thread)
3-911-GT	Guide Tip
3-911-WGT	Wheeled Guide Tip
3-911-RG	Rod Guide Eyebolt
3-911-BT	Ball Guide Tip (5cm Dia)
350-100	Glue 2 part Epoxy
350-101	Glue 3ml
3-SHK-5	Shackle 5mm
3-SHK-8	Shackle 8mm
3-SHK-9	Shackle 9.5mm



4.5mm PipeTracer



6mm PipeTracer



9mm PipeTracer

## PipeTracer - Flexitrace

The PipeTracer Flexitrace Rod can be energised by a transmitter or Genny and inserted into pipes as small as 12mm Diameter to locate pipe runs or identify blockages. The RAUSCHuk Flexitrace is designed to work at 33Khz and will operate with industry standard Cable Locators. These units work best with a Signal Generator with 1-3 watt output. When using 5 Watt or 10 Watt Transmitters some restrictions may apply - please contact the office for more details.

### Sonde Location

Feed the Flexitrace rod into the duct and attach a Signal Generator to both terminals of the unit, this energises the end coil housing (Sonde) and allows it to be located as a traditional Sonde using a Cable Avoiding Tool.

### Line Location

Feed the Flexitrace rod into the duct and attach a Signal Generator to one terminal of the unit and the other terminal to an earth stake. The Rod can then be located along its whole length with a Cable Avoiding Tool.

The Flexitrace locates pipes and ducts up to a depth of 3 Mtrs depending on pipe and soil conditions.

### 4.5mm PipeTracer

- 4.5mm Dia Fibreglass rod with polypropylene sheath
- Sonde 9mm Dia. x 75mm long
- Steel construction Frame
- Dimensions 560mm x 410mm x 180mm
- Friction brake

Model No	Description
300-30M	PipeTracer 4.5mm x 30 Mtr
300-50M	PipeTracer 4.5mm x 50 Mtr
300-80M	PipeTracer 4.5mm x 80 Mtr
300-100M	PipeTracer 4.5mm x 100 Mtr

### 6mm PipeTracer

- 6mm Dia Fibreglass rod with polypropylene sheath
- Sonde 9mm Dia x 75mm long
- Steel construction Frame
- Dimensions 700mm x 580mm x 250mm
- Friction brake

Model No	Description
306-30	PipeTracer 6mm x 30 Mtr
306-50	PipeTracer 6mm x 50 Mtr
306-60	PipeTracer 6mm x 60 Mtr
306-80	PipeTracer 6mm x 100 Mtr
306-100	PipeTracer 6mm x 100 Mtr
306-120	PipeTracer 6mm x 120 Mtr
306-150	PipeTracer 6mm x 150 Mtr

### 9mm PipeTracer

- 9mm Dia Fibreglass rod with polypropylene sheath
- Sonde 9mm Dia x 75mm
- Steel construction Frame
- Dimensions 950mm x 820mm x 400mm
- Friction brake

Model No	Description
309-50	PipeTracer 9mm x 50 Mtr
309-60	PipeTracer 9mm x 60 Mtr
309-80	PipeTracer 9mm x 80 Mtr
309-100	PipeTracer 9mm x 100 Mtr
309-120	PipeTracer 9mm x 120 Mtr
309-150	PipeTracer 9mm x 150 Mtr
309-200	PipeTracer 9mm x 200 Mtr



## C Scope Range... continued on next page

### C Scope CXL3 Cable Avoidance tool

The CXL3 is a robust and affordable analogue industry standard 'pick-up-and-go' Cable Avoidance Tool used to detect pipes and cables prior to excavations. Designed for use with an SGA3 Signal Generator.

- Power Mode, Radio Mode, Generator Mode:
- 33kHz frequency detection for locating utilities
- Liquid Crystal display (LCD)
- Real Audio response
- Provision for spare battery storage
- Retractable loudspeaker
- Annual Calibration checks required
- Fully weatherproof design to IP65
- Three year warranty (conditions apply)

Model No	Description
800-CSCXL3	C.Scope CXL3 Cable Avoidance Tool



### C Scope DXL3 Cable Avoidance tool

The DXL3 is a robust and affordable analogue industry standard 'pick-up-and-go' Cable Avoidance Tool with depth measurement used to detect pipes and cables prior to excavations. Designed for use with an SGA3 Signal Generator.

- Power Mode, Radio Mode, Generator Mode:
- 33kHz frequency detection for locating utilities
- Depth Measurement
- Liquid Crystal display (LCD)
- Real Audio response
- Provision for spare battery storage
- Retractable loudspeaker
- Annual Calibration checks required
- Fully weatherproof design to IP65
- Three year warranty (conditions apply)

Model No	Description
800-CSCXL4	C.Scope DXL3 Cable Avoidance Tool



## C Scope Range... continued

### C Scope CXL4 Cable Avoidance Tool

The CXL4 is a dual-frequency (33+131kHz) Cable Avoidance Tool. In-built Data Logging, Bluetooth™ connectivity and GPS tracking options. Designed for use with an SGA4 or SGV4 Signal Generator. Network Rail Approved..

- Power Mode, Radio Mode, Generator Mode:
- Simultaneous 33+131kHz
- 33kHz signal detection for all purpose tracing and utility avoidance + 131kHz for optimum detection for short length, small diameter or unearthed cables
- All Scan Mode
- Overload Protection, Alarm Zone™, Peak Hold, Dynamic Swing Sensor
- Automatic Daily Self Test
- Data Logging of all Locator activity (option)
- Data Transfer by USB. (Bluetooth™ option)
- In-Built GPS position logging (option)
- Connectivity to Survey level GPS products (option)
- High Resolution Backlit Liquid Crystal Display
- No periodic Calibration required
- Product Validation Certificate available
- Network Rail Approved

Model No	Description
800-CSDXL3	C.Scope CXL4 Cable Avoidance Tool



### C Scope DXL4 Cable Avoidance Tool

The C.Scope DXL4 is a dual-frequency (33+131kHz) Cable Avoidance Tool with Depth Measurement. In-built Data Logging as standard. Bluetooth™ connectivity and GPS tracking options available. Designed for use with an SGA4 or SGV4 Signal Generator. Network Rail Approved.

- Power Mode, Radio Mode, Generator Mode:
- Simultaneous 33+131kHz
- 33kHz signal detection for all purpose tracing and utility avoidance
- + 131kHz for optimum detection of short length, small diameter or unearthed cables.
- All Scan Mode, Accurate Depth Indication, Overload Protection, Alarm Zone™
- Peak Hold, Dynamic Swing Sensor, Automatic Daily Self Test
- Data Logging of all Locator activity
- Data Transfer by USB. (Bluetooth™ option)
- In-Built GPS position logging (option)
- Connectivity to Survey level GPS products (options)
- High Resolution Backlit Liquid Crystal Display
- No periodic Calibration required
- Product Validation Certificate available
- Network Rail Approved

Model No	Description
800-CSDXL4	C.Scope DXL4 Cable Avoidance Tool



## RIDGID Locator Range... continued on next page

### RIDGID Navitrack Scout

The Navitrack Scout locator is designed to solve the most demanding remote transmitter (sonde) locates using multi-directional technology. The locator verifies the locate position using micro-mapping display to mark distinctive poles in front of and behind the target, insuring an accurate locate. Depth is automatically calculated and displayed when over the target.

- Weight: 1.4 Kg
- Power source: 4 C-Cell Batteries
- Battery Life: 24 Hours
- Sonde Standard Frequencies: 16Hz, 512Hz, 640Hz and 33KHz

Model No	Description
810-19243	Navitrack Scout Locator



### RIDGID SR20 Locator

For a lightweight yet rugged receiver that provides all the information needed for faster, more accurate locates.

- Target line and guidance arrows quickly identify distortion
- Proximity signal and signal strength help work through difficult locates
- Can trace frequencies from 10Hz to 35,000Hz
- Sonde frequencies 16Hz, 512Hz, 640Hz, 850Hz, 8kHz, 16kHz and 33kHz
- Power source: 4 C-Cell Batteries
- Battery life: approx 16 hours
- Weight: 1.6 Kg

Model No	Description
810-21943	SeekTech SR-20 Line Locator



## Ridgid Locator Range... continued

### RIDGID SR-24LE Line Locator with Bluetooth and GPS

The SR-24LE is a precision utility locating instrument with GPS and Bluetooth technology for easy integration with external data capture devices. The SR-24LE's omnidirectional antennas capture the complete signal field, making it easy to acquire the signal and trace its path. The receiver displays the utility's position and direction on the display, providing an intuitive locating experience. For added confidence, audio and visual warnings notify the operator if the shape of the signal field is being distorted so that appropriate action can be taken to avoid mismarking the utility's position.

- Large Display – shows the utility's estimated position, direction, and depth.
- Omnidirectional Antennas – capture the complete signal field for greater speed and accuracy.
- Built-In GPS – track location coordinates for mapping and GIS applications.
- Bluetooth Technology – stream data to smartphones, tablets, or high-precision GPS instruments.
- Smartphone/Tablet App – map multiple tracks and waypoints and export to GIS software.
- Can trace any frequency from 10 Hz to 35 kHz.

Model No	Description
810-76898	SR-24LE Line Locator with Bluetooth and GPS



### RIDGID ST-305 Line Transmitter

The 5 watt ST-305 Line Transmitter lets you energise metallic lines for tracing.

#### Features

- Lightweight and compact transmitter that delivers up to 5 watts of power.
- Can transmit two frequencies simultaneously.
- Audio feedback confirms a good circuit before beginning a trace.

#### Specifications

- Direct Connect – 1 kHz, 8 kHz, 33 kHz, 262 kHz.\*
- Induction – 1 kHz, 8 kHz, 33 kHz, 262 kHz.\*
- Up to 93 kHz for devices sold in Europe.\*

Model No	Description
810-21948R	RIDGID ST-305 Transmitter (5 Watts)





## RIDGID MR-10 Magnetic Locator

The all new RIDGID MR-10 Magnetic Locator provides a quick and easy way of precisely locating buried iron/ steel objects.

This magnetometer provides a highly precise audio and visual feedback of buried objects and features an AutoNull feature to block nearby metallic objects such as cars and chain link fences.

- Display: Black and White LCD
- Length: 100cm
- IP54 protection
- Power: 6 x AA Alkaline Batteries
- Weight: 0.77Kg

Model No	Description
810-53068	MR-10 Magnetic Locator with Case



## RIDGID Remote Transmitter

Can be attached to a drain cleaning machine or jetter to locate the transmitter in a line. Can also be connected to Cobra's or Flexrod. Flashing LED indicates that the sonde is transmitting. Runs on AAA Batteries.

Model No	Description
810-16728	Remote Transmitter 512Khz



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## Rodding Sonde

The Rausch Rodding Sonde is a versatile and powerful, self-contained waterproof transmitter. The Sonde can be attached to Flex Rods, Cobra Rods, Drain Rods or any movable device that can be propelled inside non-metallic pipes. Used correctly you can pinpoint the exact route of the pipe and where a blockage is underground from above ground!

The Sonde emits a strong radio signal which can be tracked from above ground using an industry standard Cable Avoiding Tool (CAT) or Cable Locator which operates at the same frequency. 33Khz is the standard Sonde for most applications.

RAUSCHuk Rodding Sondes are available in 33Khz or 8Khz frequency. The 33Khz unit is marked in orange and the 8Khz unit is marked

in green.

The Sondes are tested to withstand drops from 1 Mtr onto concrete or similar surfaces and are also pressure tested and are therefore waterproof to a depth of at least 30 Meters. The M10 bolt can be used to connect the Sonde to a variety of pushrods, Cobras or Duct / Drain Rods. The bolt is fitted with a Nyloc insert designed to ensure that the Sonde will not unscrew during normal use.

- 33Khz – Industry standard location frequency in the UK which most cable locators can detect.
- 8 KHz – Industry standard location frequency used as an alternative when 33Khz location is difficult.

These transmitting sondes enable the user to trace non-metallic sewers, drains, ducts or pipes and to locate blockages or collapses.

If the equipment is used in a manner not specified by the manufacturer, the protection provided by the equipment may be impaired.

### Specifications

- End Fitting – Male M10 Thread (with Nyloc threadlock)
- Construction – ABS Plastic / Stainless Steel
- Location depth – Up to 7 Mtr (23ft)
- Weight – 150g (5oz)
- Signal – 32.768Khz (Orange) or 8.192Khz (Green) Continuous
- Battery – 1 x AA Alkaline or rechargeable NiMH
- Battery Life – 100 + Hours @ 18° C
- Pressure – 3 bar, 30 Mtr
- Dimensions – 38mm Dia. x 102mm
- IP Rating – IP68
- Temperature Range – -20° C to 55° C
- Approvals – EN301 489 EN300 330 CE / FCC
- Warranty – 12 Months Full Manufacturers

Model No	Description
370-100	33Khz Rodding Sonde
370-101	8Khz Rodding Sonde

Accessories	
Model No	Description
3-46-SA	Sonde Adapter (M5 / M10)
3-911-SA	Sonde Adapter (M10/M12)
3-9-FM10EF	Female M10 End Fitting for 9mm Cobra Rods
3-BR-SA	Drain Rod Sonde Adapter – Universal (Uni / M10)
3-BT-SA	BT Duct Rod Sonde Adapter

## Miscellaneous

### Micro CD-100 Combustible Gas Detector

The RIDGID® micro CD-100 Combustible Gas Detector provides simple and quick readings to identify the presence of combustible gases. With adjustable sensitivity, even low-levels of gases can be detected in seconds. It ensures proper gas line installations, checks for maintenance and repair needs and quickly pinpoints combustible gas leaks.

- Rugged ergonomic design makes it comfortable to use, yet tough.
- Tri-Mode Detection™ for option to be alerted with a visual, audible or vibration alerts which can be adjusted for your environment.
- Adjustable sensitivity settings provide precise leak locating with the touch of a button.
- 16" (40 cm) flexible probe allows location and detection of leak in hard-to-reach and confined spaces.
- Field replaceable sensor means more up-time and less time waiting for repairs.



Model No	Description
411-36163	Micro CD-100 Combustible Gas Detector

### Micro IR-200 Infrared Thermometer

The RIDGID® micro IR-200 Non-Contact Infrared Thermometer provides simple, quick and accurate surface temperature readings at the push of a button. Simply squeeze the trigger and point the ultra-sharp dual class II lasers at the surface being measured. The micro IR-200 provides an immediate temperature measurement on a clear, easy-to-read backlit LCD display. In addition to numerous other uses, this rugged and compact instrument enables professional tradesman to diagnose heating and ventilation problems, perform preventative monitoring of electrical motors and systems, troubleshoot steam traps and quickly check fuses or circuit breakers for overheating – all without contact.

- Ultra Sharp Dual Class II Lasers easily identify the surface area being measured.
- 30 To 1 Distance To Spot Ratio allows you to take more accurate measurements from a farther distance.
- Adjustable Emissivity to accurately measure the temperature of virtually any surface.
- Audible and Visual High and Low Alarms quickly alert you to temperatures outside of the ranges that you set.
- Bright Backlit Display which can be toggled on in poorly lit areas.
- Tripod Mount Capable for repeatable, precise temperature measurements.

Model No	Description
411-36798	Micro IR-200 Non-Contact Infrared Thermometer



### Other Test and measurement meters available from RAUSCHuk are:-

**Micro HM-100 Humidity & Temperature Meter** Measures air humidity and temperature

**Micro CM-100 Digital Clamp Meter** Measures AC/DC current, voltage, resistance, capacitance etc

**Micro DM-100 Digital Multimeter** Measures 11 electrical functions from AC/DC Voltage to Temperature

Model No	Description
411-37438	Humidity & Temperature Meter
411-37423	Digital Multimeter
411-37428	Digital Clamp Meter



### CA25

The CA25 is the entry level Inspection Camera in the RIDGID range with a smaller LCD screen and a fixed (non-extendable) camera cable. It's lightweight, handheld design means it can be carried anywhere providing solutions when and where you need them. The CA25 is ideal for numerous applications from inspecting engines to boat survey, inspecting cables in walls to locating lost keys etc.

- 2.5" Colour LCD Screen
- 4 Adjustable LED's
- 17mm dia fixed camera cable
- Cable length 3ft
- Accessory Kit: 45° Mirror, Magnet & Hook
- Image can rotate at 180° intervals
- Powered by 4 x AA batteries
- Supplied in blow molded carry case

Model No	Description
501-40043	RIDGID CA25 Inspection Camera (40043)



#### Accessories

Model No	Description
501-37108	3' Extension Cable (37108)
501-37113	6' Extension Cable (37113)
501-37098	6mm x 1m Camera Cable (37098)
501-37093	6mm x 4m Camera Cable (37093)
501-37123	Accessory Kit (37123)



### CA150

The CA150 is the next step up in RIDGID's hand held inspection camera range. With a larger 3.5" LCD screen and the ability to extend the 3' camera reach up to 30' the CA150 is ideal for viewing into lofts, under floorboard, ceiling voids, behind cabinets etc. The CA150 now has the ability to capture up to 20 images to its internal memory for reviewing later. This unit has proved extremely useful in endangered species conservation such as bats/badgers etc.

- 3.5" colour LCD screen
- Removable camera cable
- 4 fully adjustable LED's
- AV port
- Image can rotate at 180° intervals
- Up to 20 images saved to internal memory
- Accessory kit: 45° Mirror, Magnet & Hook
- Powered by 4 x AA batteries
- Supplied in blow molded carry case

Model No	Description
501-36848	RIDGID CA150 Inspection Camera (36848)





CA350

The CA350 is a step on from the CA330. It has the ability to capture still images and video to an internal memory and to an SD card (supplied). The CA350 has an ergonomic pistol grip design, large screen and one-hand controls including 2 x zoom function and 360° image rotation at 90° intervals. The CA350 also comes with an integrated speaker/microphone to aid inspection reports. Especially designed to reach and illuminate dark, hard to reach spaces with four bright LEDs.

- 3.5" Colour LCD Screen
- Removable camera cable
- Captures to internal memory & SD card (supplied)
- 4 fully adjustable LED's
- Image control: Zoom & Rotate
- Powered by a rechargeable lithium ion battery
- Integrated speaker & microphone
- Wi-Fi & BLUETOOTH capability (range 9m/5m)
- Accessory Kit: 45° Mirror, Magnet & Hook
- Supplied in blow molded carry case

Accessories

Model No	Description
501-37108	3' Extension Cable (37108)
501-37113	6' Extension Cable (37113)
501-37098	6mm x 1m Camera Cable (37098)
501-37093	6mm x 4m Camera Cable (37093)
501-37123	Accessory Kit (37123)
501-55198	CA350 Recharging Station (55198)
501-55183	CA350 Replacement Battery (55183)

Model No	Description
501-185	RIDGID CA350 Inspection Camera (55903)

CA350X

The new micro CA-350x inspection camera with Wi-Fi and Bluetooth for instant image/video sharing and live second screen viewing.

- Easily record stills and videos of problems in hard to reach areas.
- Connect to a mobile device for a live second screen and instant file sharing of pictures and videos.
- Comfortable pistol grip design, large screen and best in class image quality and easy to use interface.
- Illuminate dark spaces with four bright LED's on the rugged aluminium 90cm imager head (extendable with optional cables up to 9 Mtrs)
- Wireless recording of audio commentary on video inspections with a Bluetooth headset

Specification

- Display - 3.5" TFT (320 x 240 Resolution)
- Camera Diameter - 17mm with 4 adjustable brightness LED's
- Cable Reach - 90cm (extendable with optional cables up to 9 Mtrs, also compatible with the microDrain, microReel and nanoReel).
- Image / Video: - JPG: 650 x 480, MP4: 640 x 480
- Wi-Fi, Bluetooth Range -- 9 Mtr / 5 Mtr
- Included micro CA-350x with 17mm imager, 12v Advanced Lithium Battery, 230v Fast Charger, USB cable, hook, magnet, mirror, RCA cable, AC adapter, headset with microphone, 8GB SD card, blow molded case.

Model No	Description
501-63888	RIDGID CA-350x Inspection Camera (63888)



Accessories

Model No	Description
501-37108	3' Extension Cable (37108)
501-37113	6' Extension Cable (37113)
501-37098	6mm x 1m Camera Cable (37098)
501-37093	6mm x 4m Camera Cable (37093)
501-37123	Accessory Kit (37123)
501-37088	CA330 Recharging Station (37088)
501-55198	CA350 Recharging Station (55198)
501-55183	CA350 Replacement Battery (55183)

NanoReel

The RIDGID NanoReel is designed to inspect boiler tubes, supply lines, sprinkler systems and a wide array of speciality applications where a small diameter and tight turn radius is required. The NanoReel captures images and video footage to an SD card using the supplied CA350 Inspection camera. If a larger screen is required the CS6 Monitor can be purchased. Interchangeable drums let the user change out the inner drum depending on the application. Ideal for 1/2" to 2" pipes.

- 15.5mm Camera Head
- 25m Reel
- 512Hz Sonde
- 2 x Ball Guides included
- Passes 90° bends from 30mm
- 3.5" Colour LCD screen (CA350)
- Lightweight & compact carry case

Model No	Description
501-77583	RIDGID NanoReel + CA350 (56688)



MicroDrain APX

The RIDGID MicroDrain APX is designed to inspect toilet traps and 40mm P traps without the need to disassemble or dismantle any plumbing fixtures. A lightweight & compact unit with a durable and reliable construction the MicroDrain APX provides true accessibility, increased efficiency and reduced job time. Ideal for 1 1/2" to 3-4" pipes the MicroDrain APX will pass 90° bends in most 40mm lines.

- 22mm Camera Head
- 20m Reel
- 512Hz Sonde
- 2 x Ball Guides included
- Passes 90° bends from 40mm
- 3.5" Colour LCD Screen (CA350)
- Lightweight & compact carry case

Model No	Description
501-77578	RIDGID MicroDrain 20m + CA350 (77578)

MicroReel APX

The RIDGID MicroReel APX is the next step on from the MicroDrain. A longer, stiffer cable length and optional counter allows the MicroReel APX to inspect lines of 101/2" to 4-5" diameter up to 30m long. Multi-monitor compatibility with existing SeeSnake monitors or the CA350 camera along with its lightweight & compact design makes this unit the choice of professionals.

- 25mm Camera Head
- 30m Reel
- 512Hz Sonde
- 2 x Ball Guides included
- 3.5" Colour LCD Screen (CA350)
- Lightweight & compact carry case

Model No	Description
501-70808	RIDGID MicroReel 30m + CA350 (70808)



### Compact 2 Range

SeeSnake Compact2, a trusted easy to use inspection system for many years is now available in additional versions. The SeeSnake Compact family additions (C40 and M40) with TruSense provide down pipe visibility, vastly improved with High Dynamic Range (HDR), giving more clearly defined details of the pipe characteristics. TiltSense displays the cameras pitch in a pipe on the connected SeeSnake CS6x Versa monitor, helping you to diagnose even the most difficult inspections, easier and more efficiently.

The Ridgid CS6x VERSA monitor with Wi-Fi docks onto the Compact series reels and provides a versatile all in one monitor system. Quickly adjust viewing angle in high or low position. Compatible with all SeeSnake reels.

	SEESNAKE COMPACT M40	SEESNAKECOMPACT C40	SEESNAKE COMPACT 2
Ridgid Pt No	64213	64208	48118
Application	Loner runs, fewer turns	Branch lines with tight turns	Branch lines with tight turns
Line Capacity	40mm to 200mm	40mm to 150mm	40mm to 150mm
Camera head	25mm with TruSense	25mm with TruSense	25mm with TruSense
Cable Length	40 Mtr	40 Mtr	30 Mtr
Cable Diameter	9.1mm	6.7mm	6mm
Minimum bend radius	76mm	64mm	64mm
Sonde	512Hz	512Hz	512H

### SeeSnake Compact C40 Camera System with TruSense

The SeeSnake Compact C40 provides digital recording monitoring with Wi-Fi, for fast, efficient job setup. Tilt monitoring allows you to view your monitor at your desired angle or remove it for convenient job site placement. Always nail the image with self-levelling camera technology. The TruSense technology features a high dynamic range image sensor with two-way communication between the camera and Seesnake.

- Quick-release dock for the CS6x Versa.
- Digital Recording Monitor with Wi-Fi provides fast, efficient job setup.
- Tilt the monitor to the desired viewing angle while docked or remove it for convenient job site placement.
- Self-Levelling Camera head provides an image that is always upright.
- TruSense technology features a high dynamic range (HDR) image sensor and two-way communication between the camera and SeeSnake CSx series Wi-Fi enabled monitors.
- HDR image sensor maintains colour and detail in high dynamic range scenes.
- TiltSense inclinometer shows camera's angle in-pipe on CSx series monitors.
- Download the free HQx Live app to view and record inspection jobs on your phone or tablet.
- Use the high power Flexmitter 512 Hz sonde with a RIDGID receiver to locate the camera.



### SeeSnake Compact M40 Camera System with TruSense

The Compact M40 offers similar performance to the SeeSnake Mini in the popular Compact form factor, combining a small package and all-in-one monitor capability. Now available with TruSense™ technology. The Compact M40 has 131' (40 m) of moderately stiff push cable, providing a good compromise between stiffness and the ability to navigate turns.

- Quick-release docking system for fast, efficient job setup with the SeeSnake CS6x Versa monitor.
- Sturdy metal frame provides a solid base that makes it easy to push and retrieve the cable.
- Powerful Flexmitter® sonde has long range and preserves the camera's ability to make turns.
- High dynamic range (HDR) image sensor offers bright, clear in-pipe imaging in difficult lighting conditions
- TiltSense displays the camera's angle in a pipe on a connected SeeSnake CSx series monitor.



### SeeSnake Compact2 with VERSA Camera System

SeeSnake® Compact 2 System packed with CS6x Versa monitor delivers big performance in a small package. The Compact 2 delivers 100' (30 m) of push cable with a 2.5" (63 mm) min bend radius. Self-levelling camera head provides an image that is always upright. Quick-release dock for the CS6x Versa Digital Recording Monitor with Wi-Fi provides fast, efficient job setup. Tilt the monitor to the desired viewing angle while docked or remove it for convenient jobsite placement.

- Quick-release docking system for fast, efficient job setup with the SeeSnake CS6x Versa monitor.
- Sturdy metal frame provides a solid base that makes it easy to push and retrieve the cable.
- Powerful Flexmitter® sonde has long range and preserves the camera's ability to make turns.
- The Compact 2 comes in the popular Compact formfactor, combining a small package and all-in-one monitor capability (when used with the SeeSnake CS6x Versa monitor).
- The Compact 2 has 100' (30 m) of flexible push cable, providing good ability to fit in smaller diameter pipes and navigate through tight turns.

Model No	Description
501-214	RIDGID SeeSnake Compact2 + CS6x VERSA Monitor (48118)



## SeeSnake®

### CS12x Digital Reporting Monitor with WiFi

The RIDGID® SeeSnake® CS12x Monitor delivers a large screen, dual battery functionality and Wi-Fi connectivity. Designed to help you work smarter, not harder on the job site.

#### Features

- Enhanced Connectivity - Stream or record inspections to an iOS or Android phone or tablet with the free HQx Live companion app.
- Storage Option - Capture images and video directly to a USB drive.
- Dual Battery Power - Two batteries can be installed to deliver maximum runtime at the job site.
- Large 12.1" Display - At 12.1" and with a resolution of 1024x768 pixels, the upgraded high contrast display is crisp, clear and daylight readable.
- More Powerful Processor - Delivers quick start-up time and snappy performance.

#### Specifications

- Weight (without battery) - 13.9 lb (6.3 kg)
- Dimensions (LxWxH) - 19.9" x 15.5" x 11.9" (506 x 394 x 302 mm)
- Power Source - 18V Advanced Lithium Battery or AC Adapter
- Operating Temperature - 14°F to 122°F (-10°C to 50°C)
- Storage Temperature - -4°F to 140°F (-20°C to 60°C)
- Display - 12.1" (307 mm) Color LCD
- Display Resolution - 1024 x 768 Pixels, XGA
- Video Format - MPEG4 (H.264) 30 FPS
- Photo Format - JPEG
- Autolog Format - MPEG4 (H.256) Variable Frame Rate
- Audio - Integrated Microphone and Speaker
- Transfer Method - USB Drive



### CS6x VERSA Digital Reporting Monitor with WiFi

Improving jobsite ergonomics, the CS6x Versa has high and low monitor mounting positions and a unique pivoting frame that lets users tilt the monitor to the desired angle for optimal viewing efficiency. This design allows the sunshade to remain open in all usage situations for maximum glare reduction.

#### Features

- The CS6x Versa has a 5.7" daylight viewable screen, direct USB recording, full TruSense™ compatibility, and Wi-Fi connectivity for remote viewing and recording on a phone or tablet.
- The frame docks to the Compact 2/C40/M40 and can be used mounted or unmounted.
- Pivoting frame with high and low mounting positions allow flexible placement and optimal viewing
- Docks to the Compact 2/C40/M40 camera reels for efficient transport, storage, and operation
- Operates on one 18 V battery or with the included AC power adapter
- Improved ingress protection against dust and moisture

#### Specifications

- Weight (without battery) - 2.2 kg (4.9 lb)
- Dimensions (L x W x H) - 332 x 233 x 309 mm (13.1" x 9.2" x 12.2")
- Power Source - 18 V Advanced Lithium Battery or AC Power Cable
- Operating Temperature - -10°C to 50°C (14°F to 122°F)
- Display - 145 mm (5.7") Color LCD
- Video Format - MPEG4 (H.264) 30 FPS
- Autolog Format - MPEG4 (H.264) Space saving frame rate
- PhotoTalk™ - MPEG4 (H.264) Single image with audio
- Photo Format - JPEG
- Audio - Integrated Microphone and Speaker
- Transfer Method - USB Drive
- IP-rating - IPx5 (excl. Batteries & AC Adapter)





SeeSnake Standard Camera with TruSense

Down pipe visibility vastly improved with High Dynamic Range (HDR) giving more clearly defined detail of pipe characteristics. Rugged, high-intensity LEDs for exceptional viewing and long life. Self-leveling camera head keeps the image upright (certain models) Powerful Flexmitter® sonde has long range and preserves the camera's ability to make turns. High Dynamic Range (HDR) image sensor offers bright, clear in-pipe imaging in difficult lighting conditions TiltSense displays the camera's pitch in a pipe on a connected SeeSnake CSx series monitor.

- The SeeSnake Standard camera reel offers unmatched reliability and performance in a ruggedized package
- Now available with TruSense™ technology
- The Standard has the stiffest push cable and is available in lengths up to 325' (99 m) – making it perfect for long runs, particularly in larger pipes with fewer turns.
- Rugged, high-intensity LEDs for exceptional viewing and long life.
- Self-levelling camera head keeps the image upright.
- Powerful Flexmitter® sonde has long range and preserves the camera's ability to make turns.
- High dynamic range (HDR) image sensor offers bright, clear in-pipe imaging in difficult lighting conditions.
- TiltSense displays the camera's pitch in a pipe on a connected SeeSnake CSx series monitor.



Model No	Description
501-63583	SeeSnake Standard Camera with TruSense 325', 35mm S/L Camera
501-63603	SeeSnake Standard Camera with TruSense 200', 35mm S/L Camera

SeeSnake Mini Camera with TruSense

The SeeSnake Mini with TruSense provides down pipe visibility, vastly improved with High Dynamic Range (HDR), giving more clearly defined details of the pipe characteristics. The rugged, high-intensity LEDs provide exceptional viewing and longer life. The self-levelling camera head keeps the image upright (certain models) Powerful Flexmitter® sonde has long range and preserves the camera's ability to make turns. High Dynamic Range (HDR) image sensor offers bright, clear in-pipe imaging in difficult lighting conditions TiltSense displays the camera's pitch in a pipe on a connected SeeSnake CSx series monitor.

- The SeeSnake Mini camera reel is the smaller version of the SeeSnake Standard system
- Now available with TruSense™ technology
- The Mini's moderately stiff 200' (61m) push cable strikes a good balance between stiffness and the ability to navigate turns
- Rugged, high-intensity LEDs for exceptional viewing and long life.
- Self-levelling camera head keeps the image upright.
- Powerful Flexmitter® sonde has long range and preserves the camera's ability to make turns.
- High dynamic range (HDR) image sensor offers bright, clear in-pipe imaging in difficult lighting conditions
- TiltSense displays the camera's pitch in a pipe on a connected SeeSnake CSx series monitor.



Model No	Description
501-63628	SeeSnake Mini Camera with TruSense 200', 30mm S/L Camera

K-46 Cordless SinkSnake™

The RIDGID® K-46 Cordless SinkSnake™ clears tough blockages in 3/4" to 3" (20 - 76 mm) lines such as sinks, tubs, shower, and urinals. Powered by the RIDGID 18V Advanced Lithium Battery Platform, it provides cordless freedom for professional daily use. Designed with ergonomics and versatility at its core, the K-46 features an integrated, multi-position kickstand for support, a 360-degree rotatable AUTOFEED® that advances and retrieves the cable in forward and reverse, an enclosed rotating drum, and compatibility with different cable sizes and cable tools for unmatched convenience.

- Cordless Freedom - Powered by the RIDGID 18V battery platform to deliver runtimes suited for professional daily use
- Ergonomic - Integrated, multi-position kickstand alleviates the weight of the tool in common work environments, such as under cramped sinks and in tubs for improved comfort and support

- Versatility - Equipped with the 5/16" x 25' (8mm x 7.6mm) Inner Core Cable but compatible with 1/4" & 3/8" (6mm & 10mm) cable diameters up to 50 ft (15.2m) in length, as well as multiple cable tools such as dropheads, spades and c-cutter augers
- Power - Features a Brushless DC motor that clears tough blockages in 3/4" to 3" (20 - 76 mm) lines such as sinks, tubs, showers and urinals
- AUTOFEED® - 360-degree rotatable AUTOFEED® advances and retrieves the cable in forward and reverse cable directions for improved pipe navigation such as tight bends and p-traps
- Design - Fully enclosed rotating drum protects plumbing fixtures from accidental damage
- Precision - Cable lock improves handling when manually working the blockage
- Optimal Visibility - Top-mounted LED light illuminates dark work areas such as underneath sink vanities



Model No	Description
411-78048	K-46 Cordless SinkSnake with 5/16" x 25' IC Cable
411-78063	K-46 Cordless SinkSnake with 5/16" x 25' IC Cable + 18v 2.5Ah Battery & Charger
411-78068	K-46 Cordless SinkSnake with 5/16" x 25' IC Cable, 3/8" x 35' Cable, T-250 Tool Set, 18v 2.5Ah Battery & Charger in carry case





## Toilet Augers

High quality tools in 3' (1 m) and 6' (2 m) lengths provide fast and safe clearing of toilet obstructions.

- Vinyl guard to protect porcelain
- New durable, kink resistant, ½" (12,7mm) compression-wrapped inner core
- Large, ergonomically designed handles
- Negotiate water-conserving toilets



Model No	Description
411-46683	Ridgid K-1 4 Ft Auger manual or drill powered
411-59787	Ridgid K-3 3 Ft Auger manual
411-56658	Ridgid K-6P 6Ft Auger manual

## Power Spinner

Clears blocked drains with ease.

- Clears up to 1 ½" (40mm) pipes
- Pull trigger and turn handle, or add variable speed (left / right) chuck drill for extra power
- Cable self-feeds down drain
- No mess. Hands don't touch cable
- Equipped with 6.3mm x 7.6 Mtr cable with straight Auger

Model No	Description
411-57043	Ridgid Power Spin



## K-25 Hand Spinner

The professional's choice for many years, the Model K-25 Hand Spinner offer premium quality.

- Premium quality 3 jaw chuck
- Available in bulb head and drop head models
- 8mm x 7.6 Mtr vinyl wrapped inner core kink resistant cable
- Works through traps and bends in sinks, tubs, toilets urinals and vent pipes.



Model No	Description
411-58890	K-25-BP Hand Spinner with Bulb Auger
411-58895	K-25-DH Hand Spinner with Drop Head Auger

## Ridgid PowerClear Drain Cleaning Machine



The powerful, compact and versatile new PowerClear™ drain cleaner effortlessly cleans tub, shower or sink blockages from 3/4" to 11/2" diameter.

- AUTOFEED® TECHNOLOGY – Keeps your hands clean and free from touching the cable while advancing and retrieving
- HEAVY DUTY INNER CORE CABLE – For long life, increased strength and kink resistance
- CLEAR COVER – Allows user to view how much cable is remaining
- TWO-PIECE GUIDE HOSE – Use one piece for close applications and extension for areas where access is limited
- EASY PULL DRAIN PLUG – Drain excess water after each use to extend cable life
- GUIDE HOSE – Helps keep work area clean

### Specifications

- Drain Capacity: ¾" – 1½"
- Weight: 12 lbs
- Feed Rate: 8 ft/min
- Operating Speed: 450 RPM
- Cable Length: 30'
- Motor: 240V, 1Ph, AC, 0.9 Amp, 60HZ
- Standard Equipment: PowerClear, Hose Extension

Model No	Description
411-60753	PowerClear Drain Cleaning Machine 240V
411-55983	½" – 30ft Replacement Cable



**K-45AF Sink Machine**

For 20mm to 75mm Drain Lines.  
The K-45 family of Drain Guns are the professional's choice for cleaning small secondary drain lines from ¾" (20mm) to 2 ½" (75mm). The K-45AF-5 opens clogged lavatory, sink lines, urinals, and tub/shower drains.

- Advanced two way AUTOFEED keeps hands and work area clean- advances & retrieves cables with a push of the lever
- Variable speed power unit rotates cable 0-600 RPM's
- Two piece twist lock canister with interchangeable drum
- Drum capacity 15 Mtrs of 8mm or 11 Mtrs of 10mm.

Model No	Description
411-37338	K-45AF 110V (UK) 8mm x 7.6 Mtr Cable
411-63703	K-45AF 230V (UK) 8mm x 7.6 Mtr Cable
411-37343	K-45AF-5 110V (UK) 8mm x 7.6 Mtr & 10mm x 10.7mm Cable, tool kit & Case
411-63698	K-45AF-5 230V (UK) 8mm x 7.6 Mtr & 10mm x 10.7mm Cable, tool kit & Case



**K-400 Drum Machine**

For 30 mm to 110 mm Drain Lines.  
The Model K-400 Drum Machine offers several unique, user friendly features to make the toughest jobs easier. Designed with a sleek profile, integrated transport trolley an telescoping handle makes the K-400 great for site access.

- Supplied with 10 mm x 7.5 Mtr Cable but will take optional 12mm by 15 Mtr or 23 Mtr Cable
- Integrated Transport Trolley
- Integrated Telescoping handle
- Cable Control System – stops the drum spinning when the blade becomes lodged in a blockage which limits the potential for the cable to flip over.
- AUTOFEED – Automatic cable feed powers the cable in and out of the drum
- 380 Watt Motor for exceptional torque

Model No	Description
411-28098	K-400, 230V, 10mm x 23 Mtr Cable, T-260 Tool Kit & Gloves
411-28103	K-400 230V 12mm x 23 Mtr Cable, T-260 Tool Kit & Gloves



**K-40 Sink Machine**

For 20mm to 75mm Drain Lines.  
The K-40 sits flat on the floor or tips back for easy access to sink drains and bath tubs, it also eliminates job site thanks to the patented Guide Hose two-way AUTOFEED. It completely contains the rotating cable and eliminates and waste water splashing or spraying.

- 174W induction motor for powerful torque to clear the toughest blockages
- Premium quality, compression wound inner core cable combines strength and flexibility to resist kinking
- Two piece "twist lock" drum housing
- 8mm x 10.7 Mtr Cable

Model No	Description
411-71742	K-40 230V UK with AUTOFEED, Guide Hose



**K-750 Drum Machine**

For 75 mm to 200 mm Drain / Sewer Lines  
The K-750 is a heavy duty Drum Machine for clearing tress roots and heavy duty blockages.

- Autofeed advances and retrieves cable with a push lever at up to 6 Mtr per minute
- Cable spins at 200 RPM
- Powerful 550 Watt motor
- Tough, corrosion resistant drum withstands harsh treatment and abuse. Will not dent or corrode and cleans easily.
- Well balance design gives machine a lightweight "feel". Transport wheels ease loading into service truck or van
- Versatile AUTOFEED control adjusts for either 16mm or 20mm cables with a twist of a screwdriver.
- Recommend 16mm Cables for 75mm to 150mm drain lines
- Recommend 20mm Cables for 110mm to 250mm drain lines

Model No	Description
411-44152	K-750 w/C-75, 230V, 20mm x 23 Mtr Cable, Tool Kit & Gloves
411-44157	K-750 w/C-100, 230V, 20mm x 30 Mtr Cable, Tool Kit & Gloves
411-44162	K-750 w/C-27 230V 16mm x 23 Mtr Cable, Tool Kit & Gloves





FlexShaft Machines

Clear drain lines from 1½" to 6" (32mm to 150mm). The RIDGID FlexShaft machines are lightweight, compact and highly efficient machines that deliver wall to wall clean in 32mm to 150mm pipes up to 38 Mtrs in length.

The K-9102+ and K9-204+ FlexShaft machines utilize specialized chain knockers attached to a flexible cable that are spun at high speeds by a cordless drill with an adjustable clutch (not included) attached to the centre drive shaft. Since the cable spins inside a durable nylon sheath that is housed within a fully contained drum, there is less jobsite mess.

The K9-309 FlexShaft machine quickly clears grease buildup, roots and heavy scale using a 38 Mtr Cable with one step of the foot switch. It features a professional 1.5 HP internal universal motor for maximum power and longevity, a fully enclosed drum to minimize set-up and clean time, and a telescoping handle with multiple wheels and grab points to make loading, unloading, storage and use as easy as possible.

FlexShaft machines can also be operated while an inspection camera is in the line letting you see while you clean. No other soft blockage expert can do this.

Contact the office for the full range of Chain Knockers available for the FlexShaft.

Model	K9-102+	K9-204+	K9-306
Drain Capacity	32-50mm	50-100mm	75- 150mm
Cable Dia.	6mm	8mm	10mm
Outer Cable Dia.	9.5mm	12.7mm	16mm
Cable Length	15.2 Mtr	21.3 Mtr	38 Mtr
Weight	11 Kg	17.3 Kg	72 Kgs

Part No	Description
411-76193	FlexShaft K9-102+
411-76198	FlexShaft K9-204+
411-66598	FlexShaft K9-306 110V-UK
411-76188	FlexShaft K9-12







### KJ-1590 Water Jetter

The KJ-1590 Water Jetter is a highly flexible, lightweight Jetter which can blast through sludge, soap and grease blockages. As you pull the hose back it power washes the line, flushing debris away and restoring the drain line to its full capacity.

- Actual working pressure 1160psi (80 bar) and flow of 15 Ltrs per minute
- Safe for use inside building due to its powerful 2.2kw motor with overload protection
- 3 plunger pump with pulse action
- Heavy duty steel reel with 20 Mtr of 1/2" Hose
- For 32mm to 150mm Drain Lines

Model No	Description
411-35511	KJ-1590, 230V, 20 Mtrs x 1/2" Hose with Propulsion & Penetrating Nozzle

### KJ-2200 Water Jetter

RIDGID Water Jetting Machines are constructed for cleaning a drain. The highly flexible, lightweight hose blasts through sludge, soap and grease blockages. As you pull the hose back, it power washes the line, flushing debris away and restoring drain lines to their full, free-flowing capacity.

- New improved 6.5HP Recoil start petrol engine.
- Powerful 2200psi (150 Bar) and flow of 9 l/m plus Pulse Action
- Convenient FV-1 foot valve. It makes remote or indoor operation simple and safe. You control the jetting action at the drain while the Jetter is outdoors.
- Portable: The optional Model H-30 cart rolls the Jetter and hose to the job site. The jetter is easily removed from the cart in seconds for hard to reach drains, indoor applications or remote storage.
- For 32mm to 150mm Drain lines

Model No	Description
411-63877	KJ220 Jetter with Pulse and Foot Valve
411-63882	KJ-220 Jetter with Pulse and Foot valve + H-30 Cart and Jet Hose



### KJ-3100 Water Jetter

The RIDGID KJ-3100 portable water jetter gives you 3000psi (205 bar). This jetter propels a highly flexible and lightweight hose through 150mm to 250mm pipes – blasting through sludge, soap, grease and sediment blockages. With the KJ-3100's removable hose reel. There is no need to purchase expensive portable hose reels.

- Quick start 16HP Recoil petrol engine
- Unique two wheeled cart, easily fits through standard door sizes and can negotiate tight turns with ease
- Supplied with Hose reel 3/8" x 61 Mtrs
- Working pressure 3000psi (205 bar) with 21 l/m flow rate.
- For 50mm to 250mm Drain Lines

Model No	Description
411-37413	KJ-3100 Jetter with Pulse and foot valve



### Ridgid Cutters



#### C-Style Close Quarters Copper Tubing Cutter

Ridgid C-Style cutters cut 15/22 or 28mm copper tubing while offering unique features that take copper tube cutting to a whole new level.



- Snap on feature for a quick pipe connection and no size adjustment, saving valuable time.
- Spring loaded cutter wheel provides a constant pressure on pipe providing fast and straight cuts every time.
- RIDGID's X-CEL® Wheel Pin for quick wheel replacement. No tools or disassembly of the housing required.
- Model C15/22 is the world's first size dedicated C-style Cutter to cut both 15 and 22mm copper tubing with the unique "quick size change" feature.
- Unique screwdriver slots in the housing provide the extra leverage for making the cut in extreme tight spaces.

Model No	Description
411-57018	C15/22 15 & 22mm C Style Copper tubing cutter
411-60668	C28 C Style Copper tubing cutter
411-57028	E-3410 Replacement Wheel

#### 65S & 35S S/Steel Tubing Cutters



These tubing cutters have been designed for optimised performance on Stainless Steel Tube.

- A contoured frame allows for easy alignment while adjusting the cutter to make a cut.
- Ergonomic knob allows for easy adjustments.
- Now includes X-CEL® Knob for quicker cutting
- Six individual bearings in the 15-SI and 35S and 12 in the 65S replace traditional rollers. The bearings create a smoother cut, and allow for increased speed around the tube.
- Specially designed Stainless Steel cutter wheel in 35S and 65S contains bearings in the hub, to decrease drag around the tube for a smoother cut

Model No	Description
411-29963	35S Stainless Steel Cutter
411-31803	65S Stainless Steel Quick Acting Tube Cutter
411-29973	E635 Stainless Steel Cutter Wheel with bearings

#### Quick Acting Tube Cutters



- Models 151-156 feature a quick-acting design, I-beam construction, hardened wear surfaces and thrust bearing slide assemblies for smooth operation.

- X-CEL Knob cuts tubing more quickly and easily with a larger, more ergonomic design.
- X-CEL Wheel Pin changes your cutter wheel quickly using a new ball detent design – no tool needed, no lost clips.
- Available in model for plastic pipe or metallic tubing.

Model No	Description
411-31632	151 Quick-Acting Tubing Cutter 6-42mm
411-31642	152 Quick-Acting Tubing Cutter 6-66mm
411-36597	153 Quick-Acting Tubing Cutter 32-90mm
411-31652	154 Quick-Acting Tubing Cutter 48-116mm
411-31662	156 Quick-Acting Tubing Cutter 100-170mm

#### 2 in 1 Close Quarters AUTOFEED Cutter



The RIDGID Model 118 Close Quarters with AUTOFEED operation is available with a ratchet handle to allow for easier cutting in tight, restricted spaces. With its rugged and compact design, the handle can be attached to the cutter and operated in ratchet steps as small as 10 degrees. The new ratchet handle allows more flexibility and mobility while keeping the AUTOFEED features of the model 118 Cutter, which is designed to cut hard and soft copper, aluminium and brass.

- Features the 2 in 1 Close Quarters Cutter where the cutter can be used alone or with the ratchet handle, a light and ergonomic accessory to help use the cutter in tight and restricted spaces.
- Adjustable to any size from 6-28mm OD
- Tubing Cutter comes with spare E-3469 Cutter Wheel in Knob.

Model No	Description
411-32573	118, 2 in 1 Quick feed Cutter with Ratchet Handle
411-32933	Ratchet Handle only for 101 and 118 Tubing Cutter



## RP 350/351 Press Tool (For use with STRUTSLAYR)

The RIDGID RP 350/351 feature a brushless motor that is capable of over 100,000 press cycles and requires no scheduled maintenance. Get access to hard-to-reach locations with endless 360° swivel. With the most advanced LED interface and lighting, the RP 350/351 has been upgraded from top to bottom. The RP 351 is an Inline design.

- **NEW RIDGID BRUSHLESS MOTOR TECHNOLOGY**  
The Brushless RP 350/351 offers Higher Performance (faster pressing), Higher Efficiency (more press per charge), Safer Operations (no sparks, no overheating), More Durability (no brushes to wear) and Xtreme Long Life-Cycle (reaching over 100K press cycles).
- **NO SERVICE INTERVAL**  
Brushless Motor Technology combined with an advanced hydraulic system allows the RP 350/351 to reach over 100K press cycles without requiring any scheduled maintenance during its lifetime. There is no Service Interval, no Periodic Service Requirement and no Scheduled Service Downtime.
- **INFINITE SWIVEL HEAD**  
Infinite Swivel-Head (> 360°) for Endless Flexibility on the jobsite. Press from any possible angle!
- **SMART GENERATION**  
Bluetooth 5.0 enables many SMART tool features accessible through our free app RIDGID Link.
- **INTEGRATED JOBSITE LIGHTING**  
Not 1 but 12 LED lights effectively light up the darkest jobsite environments.
- **BOLT SENSOR PLUS**  
Safety First! RP 350/351 only works when the bolt is fully locked. Now with wireless tech and special knob design.
- **Press-CHECK!**  
RIDGID Exclusive Sensor monitors and confirms every single press cycle. For your peace of mind!
- **SPEED-PRESS!**  
Pressing 54 mm Stainless Steel in just 5 seconds? Only with the Brushless RP 350/351!
- **Full Power Access**  
Either use the RP 350/351 with RIDGID Li-Ion batteries 18 V, corded power adapter (5 m cable) or with Makita LXT-series batteries 18 V.
- **ADVANCED LED INTERFACE**  
4 color-coded LED panels instantly provide critical tool information.



Part No	Description
411-67088	RP 350-B Tool Kit (No Jaws)
411-67093	RP 350-B Tool Kit + V15-18-22
411-67098	RP 350-B Tool Kit + V15-22-28
411-67103	RP 350-B Tool Kit + V18-22-28
411-67108	RP 350-B Tool Kit + TH16-20-26
411-67113	RP 350-B Tool Kit + U16-20-25
411-69818	RP 350-B Tool Kit + M15-18-22
411-69823	RP 350-B Tool Kit + M15-22-28

## RIDGID STRUTSLAYR™ Strut Shear head



The RIDGID® STRUTSLAYR™ delivers fab shop quality, burr-free strut channel cuts on the jobsite in 5 seconds or less. Compatible with RIDGID 32kN press tools\*, the STRUTSLAYR strut cutter offers a clean, consistent cut with a simple pull of a trigger: no grinding or sawing sparks! \*Press tools are not included. Not compatible with RIDGID 320-E or CT-400.

- Increased Efficiency
- Clean, consistent cuts in 5 seconds or less
- Safe Operation
- No grinding or sawing sparks
- Portable
- Easy to move around the job site and mounts to RIDGID TRISTANDs
- Built-in Measuring Guide
- Allows accuracy on the job site

Part No	Description
411-64053	Kit, Head + Case + 13/16" (41 x 21mm) Die
411-64058	Kit, Head + Case + 1 5/8" (41 x 41mm) Die
411-64033	Die Shear 13/16" (41 x 21mm)
411-64038	Die Shear 1 5/8" (41 x 41mm)

## RIDGID Press Tools

### RP 115 Micro Press Tool

With a weight of only 1,3 kgs and length of 33 cm, the new RP 115 micro-Pressing Tool offers best-in-class tool ergonomics and balance for the easiest and most comfortable pressing experience. RP 115 is the smallest / lightest tool available in the market and is packed with 15 kN electro-hydraulic force for maximum performance covering most of the pressing sizes and applications.

Thanks to its inline micro-Design, the use of unique micro-Jaws and Full One-Handed Operation-capability, the RP 115 is also a true problem solver when it comes to pressing work in the most confined spaces and challenging jobsites.

- 'Micro' Press Tool - With a weight of only 1,3 kgs and length of 33 cm, the new RP 115 micro-Pressing Tool offers best-in-class tool ergonomics and balance.
- Easiest One-Handed Use - Easily open the jaw and press the trigger with one hand.
- Confined Space-Specialist - Thanks to its micro-Design, RP 115 allows for continued and easy operation in the most confined spaces and challenging jobsites.
- SlimGrip™ Handle - Provides firm grip and most comfortable tool use.
- RIDGID SpeedPress - Next level of pressing speed with a cycle time of 3 seconds
- IP44 Ingress Protection - Jobsite Proof for more durability



Part No	Description
411-76948	RP 115 Micro Press Tool Kit + M15-18-22
411-76958	RP 115 Micro Press Tool Kit + V15-22-28
411-76968	RP 115 Micro Press Tool Kit + TH16-20-26
411-76978	RP 115 Micro Press Tool Kit + U16-20-25

### micro CD-100 Gas Detector Combustible Gas Leak Detector

The RIDGID® micro CD-100 provides simple and quick readings to quickly identify the presence of combustible gases. The detector features a flexible 41 cm probe and is designed to detect methane, propane, carbon monoxide, ammonia, hydrogen, natural gas and many other combustible gases at a safe distance. The micro CD-100 has a rugged ergonomic design and features adjustable sensitivity settings, allowing for quick, precise leak locating even at the lowest levels of gas concentration. The Tri-Mode Detection™ gives the operator the flexibility to be alerted with a visual, audible or vibration alert, adjustable for each environment.



Model No	Description
411-36163	Combustible Gas Detector

### micro IR-100 Non-Contact Infrared Thermometer

The new RIDGID® micro IR-100 provides simple, quick, and accurate surface temperature readings (-50°C - 800°C) by simply squeezing the trigger and pointing the ultra-sharp Class II dual lasers at the surface being measured. Results are instantly shown on the backlit Dual LCD. The 20-to-1 distance-to-spot ratio allows to take measurements from farther and safer distances. Audible and visual high and low alarms instantly alert the user to temperatures outside of the set ranges.



Model No	Description
411-36798	Infrared Thermometer

### micro LM-400 Laser Distance Meter

View, store and share distance measurements and advanced calculations at the blink of an eye! Activate Bluetooth®, connect the micro LM-400 to your iOS® (e.g. iPhone®, iPad®) or Android® (e.g. Samsung Galaxy) and directly transfer measurements on a photo or sketch to share with others.

- Bluetooth® connection to smartphones and tablets to easily view, store and share data. Avoid time-consuming paperwork and costly writing errors.
- Android® and iOS® Apps to easily and quickly transfer and overlay measurements from micro LM-400 onto a photo or sketch.
- Operate and control the micro LM-400 directly from your smartphone or tablet. Allows for easy one-man operations.
- Long measuring range up to 70 metres



Model No	Description
411-36813	Advanced Laser Distance Meter

### micro DM-100 Digital Multimeter

The RIDGID® micro DM-100 Digital Multimeter sets the new standard for troubleshooting most of the electrical problems! Featuring a double molded water-resistant (1m) IP67 housing, the micro DM-100 is also drop-proof and perfectly suitable for use in the harshest jobsite conditions. The micro DM-100 is a True RMS and AutoRanging unit, providing the most accurate and fast measurements in all applications. It features 11 different electrical functions ranging from AC/DC Voltage & Current (1000V) to Temperature measurements. The micro DM-100 is also rated for industrial use (CAT III-1000V & IV-600V) and features an Extra Large Backlit LCD display for easy and clear readings.



Model No	Description
411-37423	Digital Multimeter

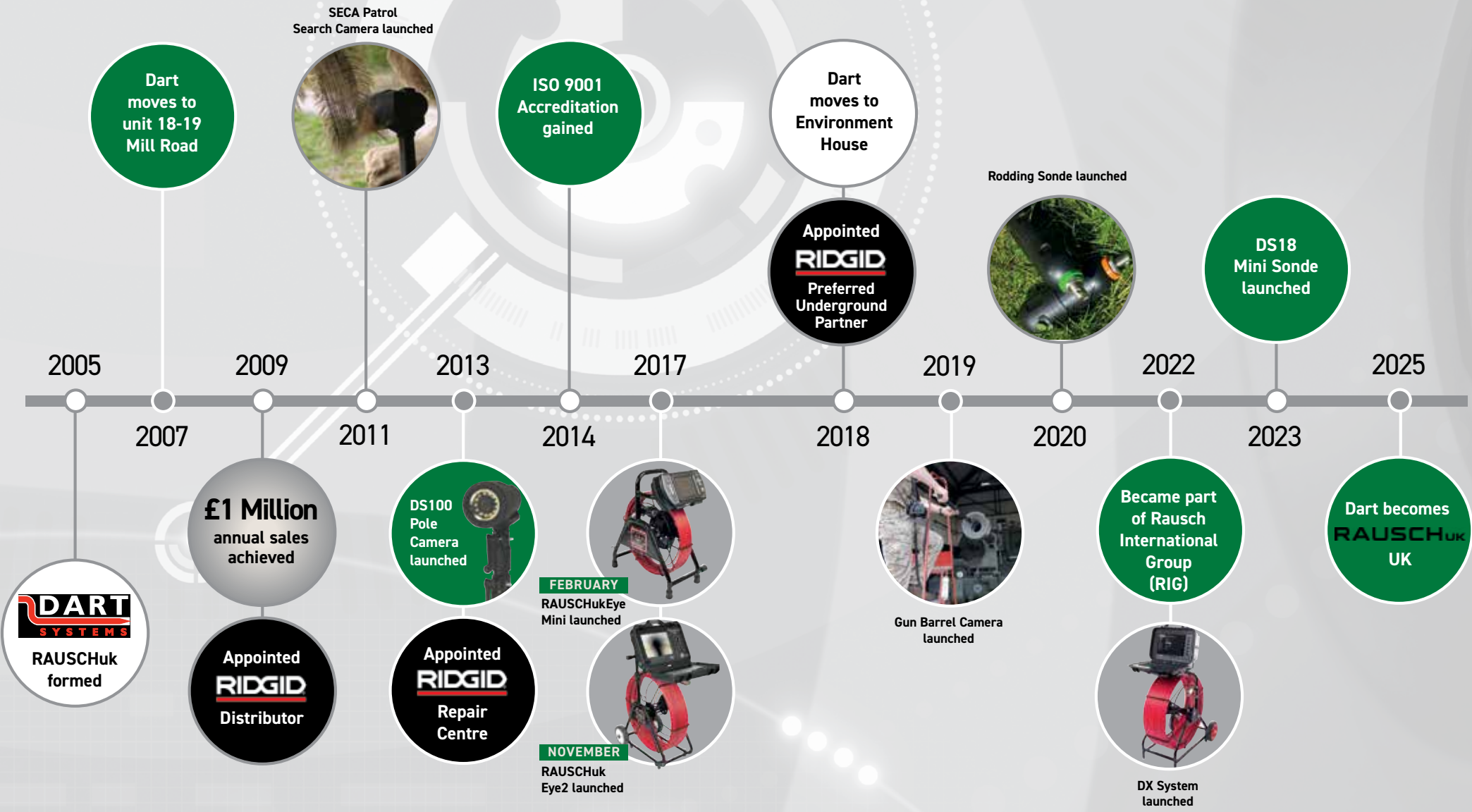


After over 10 years at our Mill Road factory, we moved in 2018 into our own facility. The move has provided much needed space for our growing manufacturing operation but also allowed us to increase our service department which will allow us to ensure that any equipment returned is back with the customer in a timely manner.

Engineering has also been able to expand their capabilities recently adding a 3D printing suite and the development of an Injection Moulding facility at the new premises.

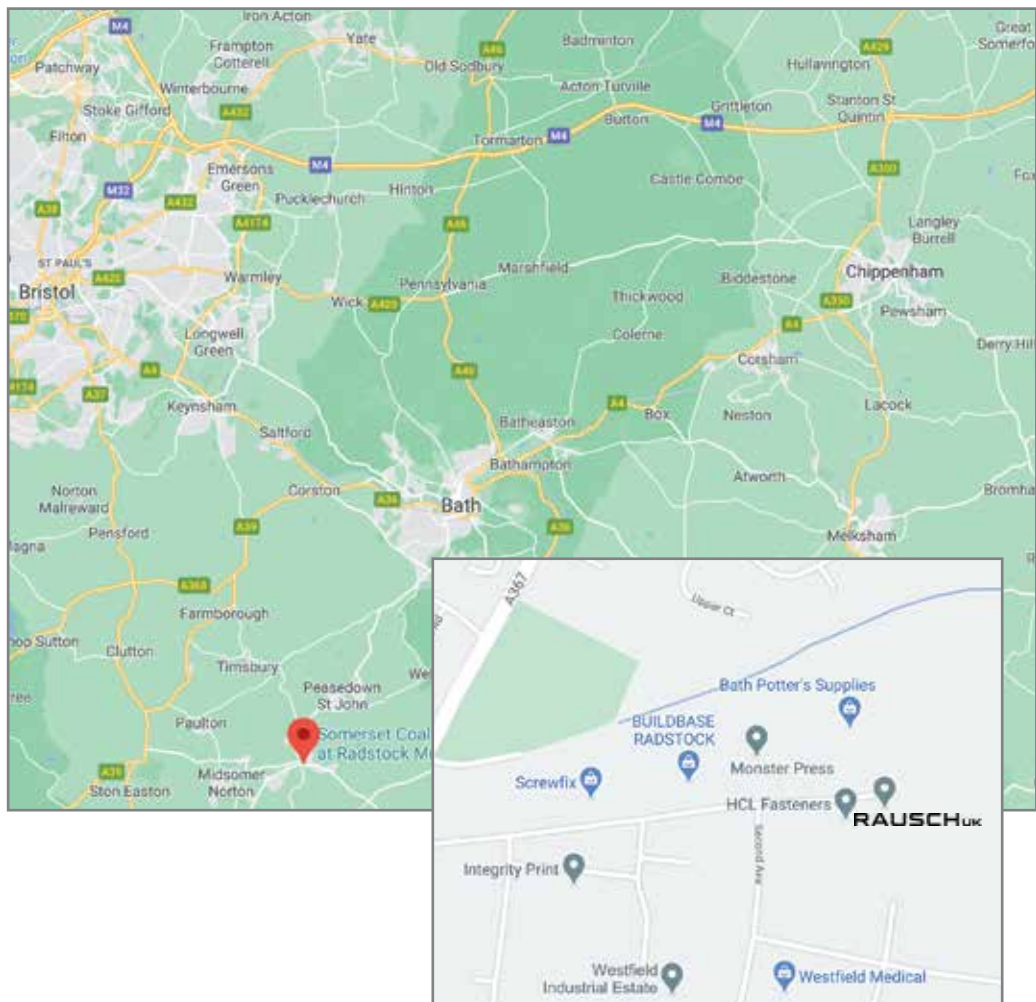


# 20 years' of growth and innovation









## Helping to solve hidden problems

across a variety of private and public sector industries

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