SPX®

Where Ideas Meet Industry

P374

Intrinsically Safe
Colour Video Inspection System

The Mini Flexiprobe system sets new standards by offering an intrinsically safe solution that allows successful inspection and reporting within Zone 0 environments

FEATURES/BENEFITS

- 25mm (1") to 100mm (4") Pipe Inspections

- 61 Metres (200 ft) of Patented 7mm semi rigid rod

- Intrinsically safe system certified to EE x ia IIC T6 for Zone 0 Hazardous environments

- True portability, weighs only 21kg (46lbs) and operates from a 12V DC external supply

- Composite video output/input allowing connection to a video recorder or external monitor

- Integrated high resolution 6.4" Colour LCD allowing improved image recognition, retractable sun visor built in reducing the effects of sunlight on the screen

- QWERTY Keyboard for text annotation on site, with 9 pages of user defined text available, 9 programmable user defined fields enabling faster text generation

- A truly waterproof system for operation in types of weather conditions, protected to Environmental spec IP55

- CMOS camera technology allowing increased operating time through low power consumption

- Maintenance free, White LED's for increased performance and reliability

- Integral electronic meterage counter that displays distance on screen in 0.1m increments which is accurate to +/- 1%

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12V DC Lead

Camera

3" Skids

4" Radial Skids

4" Axial Skids

Technical Specifications

CAMERA & LIGHTHEAD

Diameter	*24mm (0.94")*
Full Diameter Length	*17mm (0.67")*
Total length	*31mm (1.22")*
Material	*300 Series Stainless Steel and Epoxy Resin Potted Lighthead*
Focal Length	*6.35mm (0.25") to infinity, manually adjustable*
Power consumption	*100mA*
Sensor Transfer Type	*CMOS*
Active Pixel Matrix	*510 x 492*
Horizontal resolution	*360TVL per picture height*
Sensitivity	*3 lux*
Viewing angle	*44°*
Voltage	*21v max*
Waterproofing	*IP68 11Bar (150psi)*

CONTROL UNIT & COILER

Weight	*46lbs (21kg)*
Voltage	*Auto Sensing 110v - 240v or 12v DC*
Consumption Unit	*3w*
Waterproofing	*IP55*
Video output	*Composite*
Video input	*Composite*
Height	*700mm (27.5")*
Width	*600mm (23.5")*
Depth	*300mm (12")*
Approvals	*CE and FCC approved*

EEx ia IIC T6

CE C0518   Ex II 1 G   FM APPROVED

FM Class: 3600, 3610, 3810
P374 Camera: IS/I/1/ABCD/T6
Cage Assy. Coiler: AIS/I/1/ABCD

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www.radiodetection.com

World leaders

Radiodetection is a proud member of the SPX group of companies, which provide technical products and service solutions worldwide.

Radiodetection and its associated companies specialize in the design and manufacture of products for the location and maintenance of underground pipes and cables. Our aim is to be viewed as the supplier of choice of 'high performance' quality equipment using advanced product technologies. We are also committed to both design innovation and customer support.

Technical support

Radiodetection equipment users have easy access to technical support. A call to your regional representative, or the Radiodetection head office, will put you in contact with our team of field-experienced technical experts.

Servicing and repair

Radiodetection has a team of factory-trained service technicians and dedicated service facilities. Turnaround is fast, and costs are very competitive.

Training

Product training for your operators and training personnel is available on your site, or at Radiodetection's headquarters. Training is with qualified instructors and each trainee receives a certificate to confirm they have received the training.

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