



 **Where Ideas Meet Industry**

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Intrinsically Safe Color Video Inspection System

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

FEATURES/BENEFITS

- 25mm (1") to 100mm (4") Pipe Inspections
- 61 Metres (200 ft) of 7mm semi rigid rod
- Intrinsically safe system certified to EEx ia IIC T6 for Zone 0 Hazardous environments
- True portability, weighs only 21kg (46lbs) and can operate from a 12V DC external supply
- Composite video output/input allowing connection to a video recorder or external monitor
- Integrated high resolution 6.4" color 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 all types of weather conditions, controller and reel protected to IP55
- CMOS camera technology allowing increased operating time through low power consumption
- Maintenance free, white LEDs for increased performance and reliability
- Integral electronic meterage counter that displays distance on screen in 0.1m increments which is accurate to +/- 2%



ATEX APPROVED

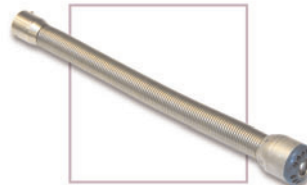
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12V DC Lead



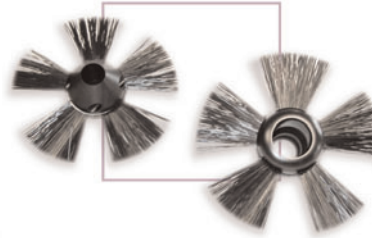
Camera



3" Skids



4" Radial Skids



4" Axial Skids



Technical Specifications

APPROVALS

- **ATEX**
- **FM**
- *EEx, ia IIC T6*
- *3600, 3610, 3810*

CAMERA & LIGHTHEAD

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

CONTROL UNIT & COILER

- **Weight**
- **Vol tage**
- **Power Consumption**
- **Waterproofing**
- **Video output**
- **Video input**
- **Height**
- **Width**
- **Depth**
- **EMC**
- *46lbs (21kg)*
- *Auto Sensing 110V - 240V AC or 12V DC*
- *30W max*
- *IP55*
- *Composite*
- *Composite*
- *700mm (27.5")*
- *600mm (23.5")*
- *300mm (12")*
- *CE and FCC compliant*

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