

# P374

## 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 within Zone 0 environments



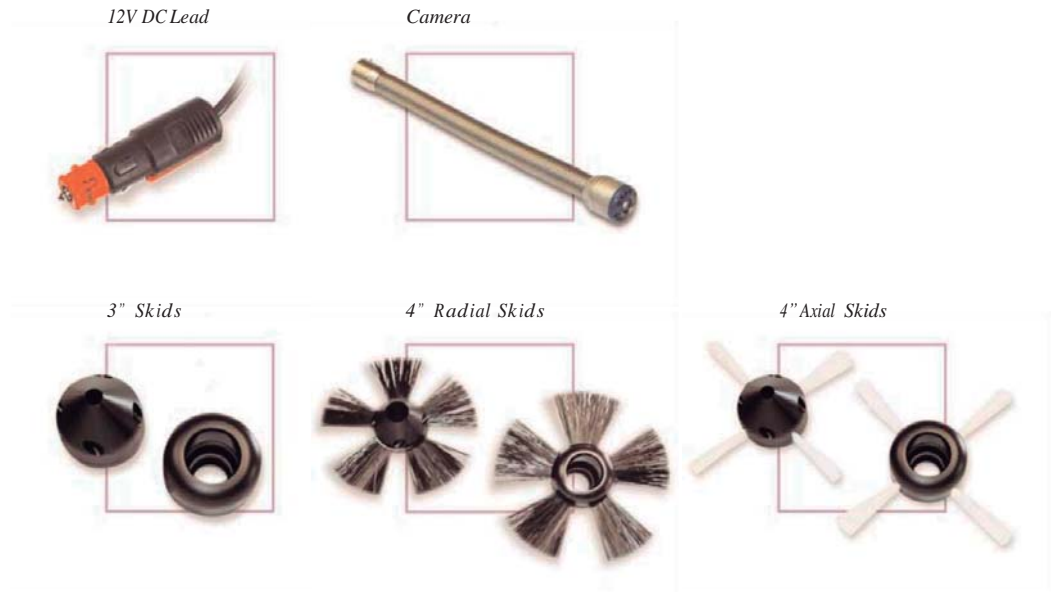
**FEATURES  
/BENEFITS**

- 25mm (1") to 100mm (4") Pipe Inspections
- 61 Meters (200 ft) of 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" 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 most 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%



ATEX APPROVED

# P374



## 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 (160psi)

### 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**
  - 900mm (35.4")
- **Width**
  - 600mm (23.6")
- **Depth**
  - 300mm (12")
- **Approvals**
  - CE and FCC compliant

EEx ia IIC T6

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

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