

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%



ATEX APPROVED

USA
BORESCOPIES

P374



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



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

USA Borescopes
2061 Bearden Road
Clarksville, TN 37043
931-362-3304
USABorescopes.com

