



P571

A fully integrated digital colour inspection system that provides portability and ease of use



APPLICATIONS

- Sewer Lines, Water Pipes
- Search & Rescue
- Pest Control
- Drains and Conduits
- Chimneys
- Industrial Inspections

Pearpoint's P571 is a fully integrated unit featuring a versatile coiler running 150 metres (500 feet) of rod; built-in integral electronic rod counter; video/in and video/out VCR connectors for recording and playback of surveys; built-in sonde; on-screen text overlay for annotation of inspection findings; and QWERTY keyboard built directly into the monitor case allowing up to 512 characters per page (nine page overlay facility). Controls such as contrast and brightness are also located on the monitor casing. The P571 is powered by plugging it into a standard outlet. With a choice of either the P235 standard colour camera or the P330 and P455 cameras, the P571 accepts lighthoods up to 40 watts.

Constructed of rugged, rust-proof cast/welded aluminium, painted in Pearpoint's signature yellow, the P571 is a stand-alone system.

P571

specifications

COILER

- Construction Cast aluminium
- Dimensions 812.8mm x 1168.4mm (32"W x 46.1"H)
- Weight 37kg (81.4 lbs.) w/167m (500') rod
- Rod Capacity 150m (500 feet)
- Rod Diameter 10.33mm (0.4")
- Sealing Waterproof to IP54
- Connectors VCR or video printer
- System Auto-selectable NTSC/PAL
- Electrical 100 - 240V AC

MONITOR

- Dimensions 5.6"
- Sealing Waterproof to IP65

KEYBOARD

- Configuration "qwerty"; built-in monitor

CAMERAS

P235

- Standards 760 x 582 PAL; 760 x 492 NTSC
- Sensor Transfer Type Interline 1/4"
- Sensitivity 1 lux (approx)
- Horizontal Resolution 450 TV lines per picture height
- Electronic Iris Electronic auto or manual to eight positions
- Focal Length 6.35mm (0.25")
- Construction Stainless steel
- Weight 850g (1.87 lbs.)
- Dimensions Lens front to rod connector - 111mm (4.37"); Diameter 111mm (4.35")

- Connector 4-way Pearpoint Posiswivel
- Electrical 25 V - 50 V via special control unit
- Power Consumption 4.5W less lights (approx)
- Output Complimentary composite video
- Control Pearplex inter-video control system
- Remote Functions Focus, auto/manual iris, auto/manual rotate
- Waterproof to 11 bar (160 psi)
- Inspection Capacity 100mm - 609.6mm (4" - 24")

Mechanical

- Full diameter length 120mm (4.72")
- Diameter 59mm (2.36")
- Material 300 series stainless steel
- Connector 4-way Pearpoint Posiswivel
- Weight 1.1kg (2.42lbs)
- Waterproof 11bar / 150psi

Electrical

- Voltage 25v/50v
- Consumption 6W approx
- Output Complimentary composite video
- Control Pearplex inter-video control system
- Remote Functions Focus, auto/manual iris, auto/manual rotate, side/front view

Operating temperature

- Range -10°C to +40°C

Optical

- Sensor Transfer Type Interline 1/4"
- Pixels 760x582 PAL, 760x492 NTSC
- Sensitivity w/flexiprobe Better than 1 Lux

Lens

- Focal Length 6.35mm (0.25")
- Iris Control Electronic auto or manually to eight positions
- Horizontal Resolution 450 TVL lines per picture height

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SELF LEVELLING CAMERA

P330

- Dimensions 1.89" x 3.15" / .48 x 80 mm
- Weight 0.84 lbs / 0.38 kg
- Construction 303 Stainless Steel
- Waterproof IP68 (11 bar/160 psi)
- Capacity 2½"-8" / 60mm-200mm
- Power 1.90 W (max)
- Operating Temperature -10°C to +50°C
- Focal Length 170mm
- Focus Preset focus
- Lighting Maintenance free LEDs
- Image Resolution 500 x 582 NTSC
752 x 582 PAL
- S/n Ratio >45dB

LIGHTHEADS

- Standard
- P222 16W
- P223 40W
- P266 9W

SONDE

- Built-in

ROD COUNTER

- Accuracy +1% of total lengths

OPERATING TEMPERATURE

- -10°C to +40°C

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