

P571 ex

flexicoiler™

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



APPLICATIONS

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

Pearpoint's flexicoiler™ is a fully integrated unit featuring a versatile coiler running 150 meters (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 P415 standard color camera or the P455 camera, the P571 accepts lightheads up to 40 watts.

Both the P415 and P455 and their lightheads are approved labeled and listed by a nationally recognized testing laboratory (NRTL) for use in Class I, Div 1, Gas Groups C & D, T3 environments – for Europe EX-d Group IIB T3.

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

P571 ex

specifications

COILER

◆ Construction	Cast aluminum
◆ Dimensions	812.8mm x 1168.4mm (32"W x 46.1"H)
◆ Weight	37kg (81.4 lb s.) w/150m (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
◆ Operating Temperature	-10°C to +40°C

MONITOR

◆ Dimensions	5.6"
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KEYBOARD

◆ Configuration	"qwerty"; built-in monitor
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SONDE

◆ Built-in	
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ROD COUNTER

◆ Accuracy	+1% of total lengths
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P415 Camera

MECHANICAL

◆ Full Diameter Length	111mm (4.37")
◆ Diameter	44mm (1.73")
◆ Material	300 series stainless steel
◆ Connector	4-way Pearpoint Posiswivel
◆ Waterproof to	160 psi (11 bar)
◆ Weight	850g (1.87 lbs.)

ELECTRICAL

◆ Voltage	25 V - 50 V via special control unit
◆ Consumption	4.5W less lights (approx)
◆ Output	Composite video
◆ Control	Pearplex inter-video control system
◆ Remote Functions	Focus, auto/manual iris, auto/manual rotate

OPERATING TEMPERATURE

◆ Range	-10°C to +40°C
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OPTICAL

◆ Sensor Transfer Type	Interline 1/4"
◆ Pixels	760 x 582 PAL, 760 x 492 NTSC
◆ Sensitivity w/flexiprobe	Better than 1 lux

LENS

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

P455 Camera

MECHANICAL

◆ Full diameter length	135mm (5.3")
◆ Diameter	59mm (2.3")
◆ Material	300 series stainless steel
◆ Connector	4-way Pearpoint Posiswivel

ELECTRICAL

◆ Voltage	25v/50v
◆ Consumption	6W approx
◆ Output	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
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OPTICAL

◆ Sensor Transfer Type	Interline 1/4"
◆ Pixels	760 x 582 PAL, 760 x 492 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

LIGHTHEADS

◆ Explosion Proof	
◆ P417	10W
◆ P418	40W
◆ P455	30W

APPROVALS

◆ CE and FCC compliant	
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ATEX APPROVED



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