P571 ex

flexicoiler™

A fully integrated explosion proof digital colour 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
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 P415
standard colour camera or the P455 camera,
the P571 accepts lightheads 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.

ATEX APPROVED

Pearpoint
a world of inspection solutions

P571 ex
specifications

COILER

Construction	Cast aluminium
Dimensions	812.8mm x 1168.4mm (32"W x 46.1"H)
Weight	37kg (81.4 lb s.) 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

CAMERA

P415

Standards	760 x 582 PAL; 760 x 492 NTSC
Sensor Transfer Type	Interline 1/4"
Sensitivity	Better than1 lux
Horizontal Resolution	450 TVL (approx) lines per picture height
Electronic Iris	Electronic auto or manual to eight positions
Focal Length	6.35mm (.0.25")
Construction	300 series stainless steel
Weight	850g (1.87 lbs.)
Dimensions	Lens front to rod connector -111mm (4.37"); Diameter - 44mm (1.73")
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	101.6mm - 609.6mm

Mechanical

Full diameter length	120mm (4.72")
Diameter	59mm (2.36")
Material	300 series stainless steel
Connector	4-way Pearpoint Posiswivel
Weight	1.1kg (2.42llbs)
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	-10ºC to +40ºC

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

LIGHTHEADS

Explosion Proof	
P417	10W
P418	40W

SONDE

Built-in	

ROD COUNTER

Accuracy	+1% of total lenghts

OPERATING TEMPERATURE   -10ºC to +40ºC

APPROVALS

Certification	CE; BS EN 60950 (electrical safety); BS EN 50081-1 (EMC emissions); BS EN 50082-1 (EMC susceptibility); FCC Part 15, SubpartB, Class B (Digital Devices) - (EMC emissions)

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