

# 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 500 feet (150 meters) of rod; built-in integral electronic rod counter; video in and out 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.

The P415 camera and its lightheads and the P455 camera 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

<b>Coiler:</b>	
Construction	Cast aluminum
Dimensions	32"W x 46.1"H (812.8mm x 1168.4mm)
Weight	81.4lbs (37kg) 500' (w/150m) rod
Rod Capacity	500 feet (150m)
Rod Diameter	0.4" (10.33mm)
Sealing	Waterproof to IP54
Connectors	VCR or video printer
System Auto-selectable	NTSC/PAL
Electrical	100 - 240V AC
Operating Temperature	14°F to 104°F (-10°C to +40°C)
<b>Monitor:</b>	
Dimensions	5.6"
<b>Keyboard:</b>	
Configuration	"qwerty"; built-in monitor
<b>Sonde:</b>	Built-in
<b>Rod counter:</b>	
Accuracy	+1% of total lengths

## P415 CAMERA

<b>Mechanical:</b>	
Full Diameter Length	4.37" (111mm)
Diameter	1.73" (44mm)
Material	300 series stainless steel
Connector	4-way Pearpoint Posiswivel
Waterproof to	160 psi (11 bar)
Weight	1.87lbs (850g)
<b>Electrical:</b>	
Voltage	25V - 50V 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
<b>Operating Temperature:</b>	
Range	14°F to 104°F (-10°C to +40°C)
<b>Optical:</b>	
Sensor Transfer Type	Interline 1/4"
Pixels	760 x 582 PAL, 760 x 492 NTSC
Sensitivity w/flexiprobe	Better than 1 lux
<b>Lens:</b>	
Focal Length	0.25" (6.35mm)
Iris Control	Electronic auto or manual to eight positions
Horizontal Resolution	450 TVL lines per picture height

## P455 CAMERA

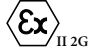
<b>Mechanical:</b>	
Full diameter length	5.3" (135mm)
Diameter	2.3" (59mm)
Material	300 series stainless steel
Connector	4-way Pearpoint Posiswivel
<b>Electrical:</b>	
Voltage	25V/50V
Consumption	6W approx
Output	Composite video
Control	Pearplex inter-video control system
Remote Functions	Focus, auto/manual iris, auto/manual rotate, side/front view
<b>Operating Temperature:</b>	
Range	14°F to 104°F (-10°C to +40°C)
<b>Optical:</b>	
Sensor Transfer Type	Interline 1/4"
Pixels	760 x 582 PAL, 760 x 492 NTSC
Sensitivity w/flexiprobe	Better than 1 lux
<b>Lens:</b>	
Focal Length	0.25" (6.35mm)
Iris Control	Electronic auto or manual to eight positions
Horizontal Resolution	450 TVL lines per picture height

## LIGHTHEADS

<b>Explosion Proof</b>	
P417	10W
P418	40W

APPROVALS: CE and FCC compliant

ATEX APPROVED



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