

# P571Ex 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 lighthoods up to 40 watts.


The P415 camera and its lighthoods 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 EEx-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)	ATEX APPROVED 
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)	ATEX APPROVED 
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

P417	10W	ATEX APPROVED 
P418	40W	

APPROVALS: CE and FCC compliant

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