

# PEARPOINT 571 FLEXICOILER



## GENERAL DESCRIPTION

**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 lighthoods up to 40 watts.



**Making  
technology  
work for you!**

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**Accredited to BS EN ISO 9001:2000**

# PEARPOINT 571 FLEXICOILER

## TECHNICAL SPECIFICATIONS

### COILER

- . Construction
- . Dimensions
- . Weight
- . Rod Capacity
- . Rod Diameter
- . Sealing Waterproof to IP54
- . Connectors VCR or video printer
- . System Auto-selectable NTSC/PAL
- . Electrical 100 - 240V AC

Cast aluminium  
812.8mm x 1168.4mm (32"W x 46.1"H)  
37kg (81.4 lb s.) w/167m (500') rod  
150m (500 feet )  
10.33mm (0.4")

### MONITOR

- . Dimensions
- . Sealing

5.6"  
Waterproof to IP65

### KEYBOARD

- . Configuration

"qwerty"; built-in monitor

### CAMERA

#### P415

- . Standards
- . Sensor Transfer Type
- . Sensitivity
- . Horizontal Resolution
- . Electronic Iris
- . Focal Length
- . Construction
- . Weight
- . Dimensions

760 x 582 PAL; 760 x 492 NTSC  
Interline 1/4"  
Better than 1 lux  
450 TVL (approx) lines per picture height  
Electronic auto or manual to eight positions  
6.35mm (.025")  
300 series stainless steel  
850g (1.87 lbs.)

- . Connector
- . Electrical
- . Power Consumption
- . Output
- . Control
- . Remote Functions
- . Waterproof to
- . Inspection Capacity

Lens front to rod connector -111mm (4.37");  
Diameter - 44mm (1.73")  
4-way Pearpoint Posiswivel  
25 V - 50 V via special control unit  
4.5W less lights (approx)  
Complimentary composite video  
Pearplex inter-video control system  
Focus, auto/manual iris, auto/manual rotate  
11 bar (160 psi)  
101.6mm - 609.6mm

#### Mechanical

- . Full diameter length
- . Diameter
- . Material
- . Connector
- . Weight
- . Waterproof

120mm (4.72")  
59mm (2.36")  
300 series stainless steel  
4-way Pearpoint Posiswivel  
1.1kg (2.42lbs)  
11bar / 150psi

#### Electrical

- . Voltage
- . Consumption
- . Output
- . Control
- . Remote Functions

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

#### Operating Temperature

- . Range

-10°C to +40°C

#### Optical

- . Sensor Transfer Type
- . Pixels
- . Sensitivity w/flexiprobe

Interline 1/4"  
760x582 PAL, 760x492 NTSC  
Better than 1 Lux

#### Lens

- . Focal Length
- . Iris Control
- . Horizontal Resolution

6.35mm (0.25")  
Electronic auto or manually to eight positions  
450 TVL lines per picture height

### LIGHTHEADS

- . Explosion Proof
- . P417 10W
- . P418 40W

### SONDE

- . Built-in

### ROD COUNTER

- . Accuracy

+1% of total lengths  
-10°C to +40°C

### OPERATING TEMPERATURE

### APPROVALS

- . Certification

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



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