



DENHOLM MACNAMEE LIMITED
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Technical Specification Sheet Flexicoiler Camera System

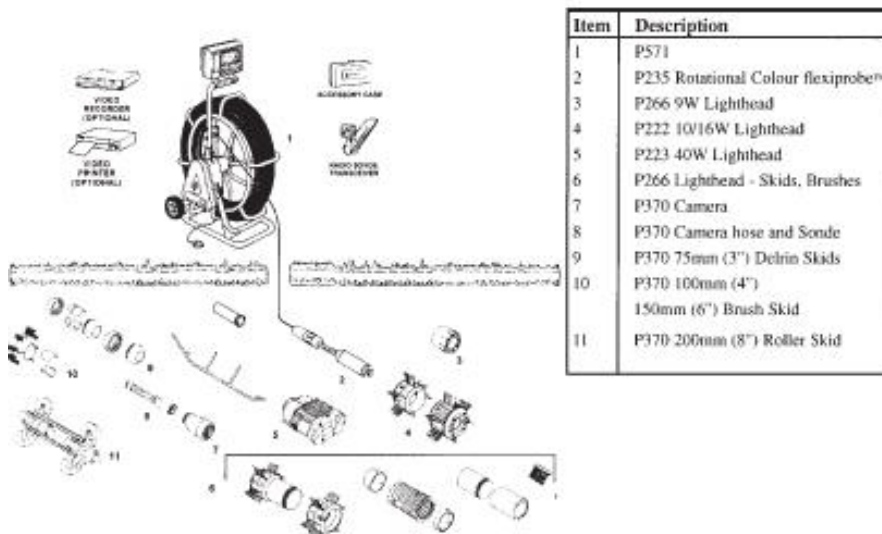
Description

The Flexicoiler combines the main features of the Flexiprobe system in a single fully integrated unit featuring a versatile coiler running 150 meters of rod; built-in integral electronic rod counter; video/in and video/out VCR connections 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 P235 standard colour camera or the P415MK2 Ex rated camera, the P571 accepts lighthoods up to 40 watts.



Constructed in rugged, rustproof cast/welded aluminium, the P571 is a stand alone system.

For detailed specifications, see overleaf.



Equipment Specifications

Flexicoiler Specifications

COILER

Construction	cast aluminium
Dimensions	812.8mm x 1168.4mm
Weight	37kg w/150m rod
Rod Capacity	150m
Rod Diameter	10.33mm
Sealing	waterproof to IP54
Connectors System	VCR or video printer auto-selectable NTSC/PAL

MONITOR

Dimensions	5.6"
Sealing	waterproof to IP65

KEYBOARD

Configuration	"QWERTY"; built-in monitor
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CAMERAS

P235

Standards	760 x 582 PAL; 760 x 492 NTSC
Sensor Transfer Type	interline 114"
Sensitivity	1 lux (approx)
Horizontal Resolution	450 TV lines per picture height
Electronic Iris	electronic auto or manual to eight positions
Focal Length	6.35mm
Construction	stainless steel
Weight	850g
Dimensions	lens front to rod connector - 111mm diameter 111mm
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	1 bar (160 psi)
Inspection Capacity	50.8mm - 609.6mm (2" - 24")

P415Mk2

Standards	760 x 582 PAL; 760 x 492 NTSC
Sensor Transfer Type	interline 11/4"
Sensitivity	1 lux (approx)
Horizontal Resolution	450 TVL (approx)

Electronic Iris	lines per picture height electronic auto or manual to eight positions
Focal Length	6.35mm
Construction	300 series stainless steel
Weight	850g
Dimensions	lens front to rod connector - 111mm diameter - 44mm
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	11bar (160 psi)
Inspection Capacity	4" - 24"

LIGHTHEADS

Standard

P222	16W
P223	40W
P266	9W

Labelled and Listed

P417	10W
P418	40W

SONDE

Built-in

ROD COUNTER

Accuracy	+/- 1%
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APPROVALS

Certification CE; BS EN 60950 (electrical safety); BS EN 50081-2 (EMC emissions); BS EN 50082-2 (EMC susceptibility); FCC Part 15, Subpart B, Class B (Digital Devices) - (EMC emissions)