



Weld Inspection Probes

Weld inspection probes are used to detect surface breaking defects in ferrous welds. We offer straight, 90° inline tip, and 90° right angle tip and broad band probes (paint probes) [absolute] for the estimation of coating thickness prior to weld inspection.

WeldScan (Differential Bridge)

The WeldScan line of probes offer a cost-effective alternative to Magnetic Particle Inspection for in-service inspection of ferrous welds. WeldScan probes are also available for non-ferrous welds and waterproof models.

Weldscan Straight

Part Number	Diameter	Frequency	Length	Body	Connector
800P01MD1P	9.5 mm	100kHz	5.0 m	Straight	12-way Lemo
800P01ND1P	9.5 mm	100kHz	5.0 m	Straight	7-way Lemo
800P04MD1P	16 mm	100kHz	5.0 m	Straight	12-way Lemo
800P04ND1P	16 mm	100kHz	5.0 m	Straight	7-way Lemo
800P06MD1P	32 mm	100kHz	5.0 m	Straight	12-way Lemo

WeldScan 90° Inline Tip

Part Number	Diameter	Frequency	Length	Body	Connector
801P01MD1P	9.5 mm	100kHz	5.0 m	90° Inline	12-way Lemo
801P04MD1P	16 mm	100kHz	5.0 m	90° Inline	12-way Lemo
801P06MD1P	32 mm	100kHz	5.0 m	90° Inline	12-way Lemo

WeldScan 90° Right Angle Tip

Part Number	Diameter	Frequency	Length	Body	Connector
802P01MD1P	9.5 mm	100kHz	5.0 m	90° Right Angle	12-way Lemo
802P04MD1P	16 mm	100kHz	5.0 m	90° Right Angle	12-way Lemo
802P06MD1P	32 mm	100kHz	5.0 m	90° Right Angle	12-way Lemo

Broad Band Probe (Paint Probe) [Absolute]

Used to estimate the coating thickness prior to weld inspections.

Part Number	Frequency	Inductance	Material
130P3	35kHz - 250kHz	82µH	Fe/NFe

Cables (to suit above Probe)

Instruments	Part Number	Cable Type
Vector 22	5A011	BNC/BNC
Locator 2/2s	39A002	7-way Lemo/BNC
Locator 3s, Phasec 2s/2d	40A002 + 5A011	12-way Lemo Adapter/ BNC-BNC
Locator 3s, Phasec 2s/2d	40A504	12-way Lemo/BNC