Weld Probes: Bridge

The following range of *ETher NDE* Weld Probes is available in a number of different sizes and frequencies, all with minimal lift-off signal. They can detect surface breaking fatigue cracks through 2mm of surface coating material and are therefore less expensive and quicker to use than other techniques.

Benefits...

- Broad frequency range.
- Cables up to 50 meters available.
- Able to detect cracks through a wide range of coatings.
- Available in a wide range of diameters.

Applications...

Differential Weld probes - for in-service inspection of welded structures.

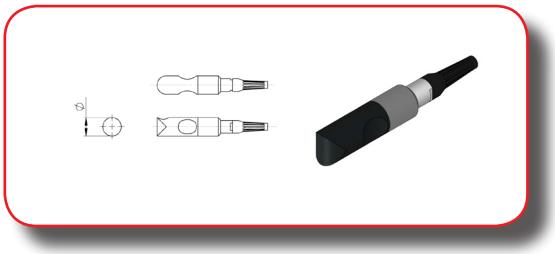
Bridge Weld Probes offer many Key Features within their specification including:

- Straight, 90deg Inline, 90deg Right Angle
- Diameters, 11.0 (Small), 16 (Medium), 32mm (Large)
- Dis-connectable and integral probe cables
- Cable lengths from 1.5 to 50 meters
- Frequency range 100, 20, 100-600kHz
- Minimal lift off signal, can find cracks through paint, oil and conductive and non-conductive coatings
- Made from hard wearing PET
- Stainless steel and ceramic tips available on request

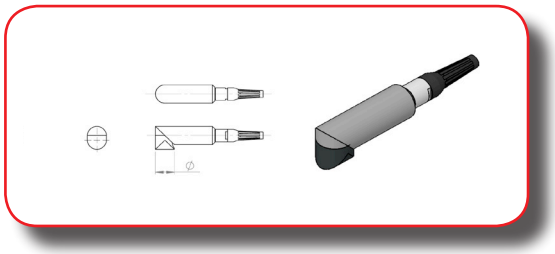
Please note...

- 100kHz probes used on standard ferrous welds
- 100-600kHz probe can be used on Aluminium and Stainless Steel welds
- 20kHz probe can be used on multi-surface applications.

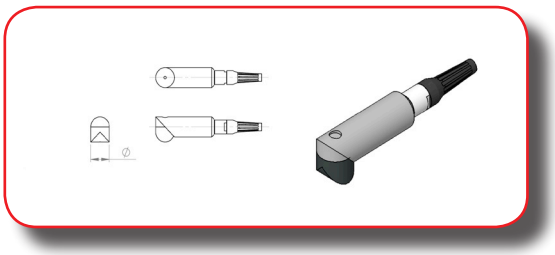
Straight



90 Degree Inline



90 Degree Transverse



Waterproof

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Weld Probe (Bridge) Coding System

PWS100S015L12

PW	Probe Weld (Plastic)
S	Dia 11.0mm (Small)
M	Dia 16.0mm (Medium)
L	Dian 32.0mm (Large)
100	100kHz (Standard)
020	20kHz Enhanced
106	100-600kHz Multi-surface
S	Straight
I	90 deg Inline
R	90 deg Transverse
000	Disconnect
015	1.5m Cable
050	5.0m Cable
100	10.0m Cable
500	50.0m Cable
L7	7 Way Lemo
L12	12 Way Lemo
J6	6 Way Jaeger
A4	4-way Amphenol
C3	3-way Cannon
W	Waterproof

Example: PWS100S015L12

Part Number: Probe, Weld, Dia. 11.0mm (Small), 100kHz, Straight, 1.5m Cable, Lemo 12-Way.

Other options are available so please feel free to contact us directly.

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