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.

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.

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.
WELD PROBE (BRIDGE) CODING SYSTEM

PWS100S015L12

PW  Probe Weld (Plastic)
S   Dia 11.0mm (Small)
M   Dia 16.0mm (Medium)
L   Dia 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.