

Surf-X™ Array Probe

Improve Inspection Quality, Safety and Speed while Reducing Total Cost

Introducing the Zetec Surf-X line of surface array probes. Featuring a unique flexible circuit design and proprietary X-Probe™ technology, Surf-X probes can lower total cost, provide excellent data quality, and significantly reduce inspection time compared with other inspection methods.

FEATURES & BENEFITS

Fast Inspections, No Chemicals

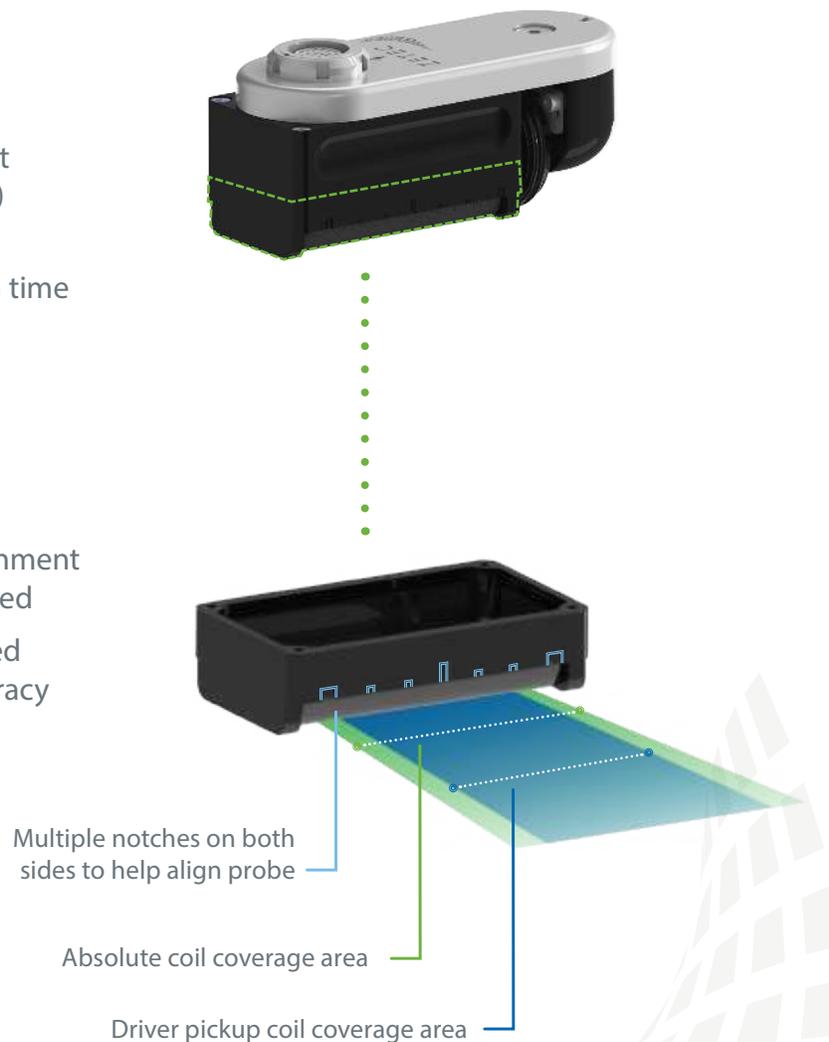
- ▶ **Chemical Testing Replacement:**
Surface array probes are a cost-effective, chemical free replacement for Liquid Penetrant Testing (PT) and Magnetic Particle Testing (MT)
- ▶ **Single Sensor Probe Replacement:**
The surface array option can reduce inspection time by up to 95% versus traditional pencil probes

Accurate, High Quality Results

- ▶ Rotatable Encoder is standard, providing easy identification of flaw locations and dimensions
- ▶ Position indicators on the probe help with alignment and ensure the entire area of interest is inspected
- ▶ Patented and proven X-Probe technology-based coil set delivers added dependability and accuracy
- ▶ Operates in absolute and multiple modes of driver pickup

Low Cost of Ownership

- ▶ Long life wear material tested to 10,000ft. on a weld
- ▶ Field-replaceable components can be swapped out in less than 5 minutes



Standard Configurations

Coverage Width	Coils	Cable Adapter Lengths	Materials	Penetration Depth	Weld Crown	Part Number
Absolute 1.7" (43.2mm) Driver Pickup 1.5" (38.1mm)	2x16 (32)	6ft (1.8m)	<ul style="list-style-type: none"> • Non-Ferrous • Ferrous (surface flaws) 	Up to 0.25" (6.3mm)	Up to 0.25" (6.3mm)	XPSC-001
<i>Other options available upon request</i>						

Applications

- ▶ Turbine blades
- ▶ Fuselage
- ▶ Welds
- ▶ Pressure vessels

General Specifications

- ▶ Shipping Dimensions: 10in. x 8in. x 6in.
(25.4cm x 20.3cm x 15.2cm)
- ▶ Shipping Weight: < 2 lbs (0.9kg)
- ▶ Operational Temperature: 40°F to 113°F (4°C to 45°C)
- ▶ Recommended Storage Temperature: 55°F to 75°F (13°C to 24°C)



Recommended Instruments and Components

- ▶ MIZ®-21C Array: The Most Advanced Handheld With Surface Array Capability (PN 111A903-00)
- ▶ Cable adapter: MIZ®-21C to array probe 6ft (1.8m) (PN 111A801-00)
- ▶ Replaceable wear surface assembly (PN 126A200-00)
- ▶ Factory replaceable coil set assembly (PN 126A602-00)
- ▶ Replaceable encoder wheel (PN 126A300-00)

Zetec: The largest Supplier of Probes Worldwide

For 50 years, Zetec has manufactured over 10,000 probe designs to meet the changing needs of the nondestructive testing (NDT) market. We are a leading supplier of probes worldwide covering most applications and techniques. With world-class manufacturing facilities, Zetec probes deliver the best results for our customers.



Zetec holds ISO 9001 and ISO/IEC 17025 certifications



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