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

<table>
<thead>
<tr>
<th>Coverage Width</th>
<th>Coils</th>
<th>Cable Adapter Lengths</th>
<th>Materials</th>
<th>Penetration Depth</th>
<th>Weld Crown</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Absolute 1.7” (43.2mm)</td>
<td>2x16</td>
<td>6ft (1.8m)</td>
<td>Non-Ferrous</td>
<td>Up to 0.25” (6.3mm)</td>
<td>Up to 0.25” (6.3mm)</td>
<td>XPSC-001</td>
</tr>
<tr>
<td>Driver Pickup 1.5” (38.1mm)</td>
<td>(32)</td>
<td></td>
<td>Ferrous (surface flaws)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Other options available upon request*

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.