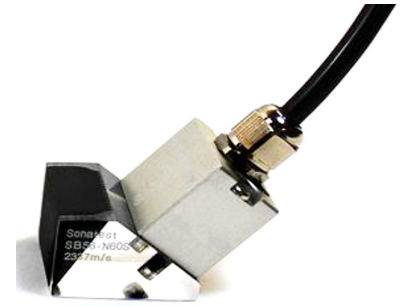


Phased Array Transducers

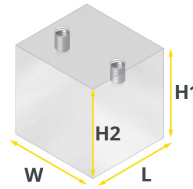
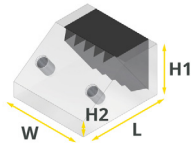
X2 Series - Compact Sectorial Scan



These probes are designed to perform sectorial scan (SScan) within a compact footprint. This makes the X2 series the perfect choice for manual or encoded weld inspection solutions and for inspection of simple to complex geometry parts using up to 32E steering and focussing capabilities.

Frequent Applications

- General critical welds (butt, T and corner joints)
- Castings
- Flanges
- Automotive parts
- Machined parts



Standard

- Quick I-PEX Connector (QX)
- Quick I-PEX Bracket
- 2.5m Cable
- Other cable lengths upon request

Probe Models

| Part Number | Probe Description | Frequency | Number Elements | Elevation | Element Pitch | Aperture | External Dimensions | | |
|-------------|----------------------------|-----------|-----------------|-----------|---------------|----------|---------------------|------|------|
| | | F | | E | | | L | L | W |
| | | (MHz) | Qty | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) |
| X2A-001 | X2A-2.25M12E-0.6x10-SQX2.5 | | | | | | | | |
| X2A-002 | X2A-5M16E-0.6x10-SQX2.5 | 5 | 16 | 10 | 0.6 | 9.6 | 16 | 23 | 20 |
| X2A-003 | X2A-7.5M16E-0.6x10-SQX2.5 | 7.5 | 16 | 10 | 0.6 | 9.6 | 16 | 23 | 20 |
| X2A-004 | X2A-10M16E-0.6x10-SQX2.5 | 10 | 16 | 10 | 0.6 | 9.6 | 16 | 23 | 20 |
| X2A-005 | X2A-10M32E-0.3x10-SQX2.5 | 10 | 32 | 10 | 0.3 | 9.6 | 16 | 23 | 20 |
| X2B-001 | X2B-5M32E-0.6x10-SQX2.5 | 5 | 32 | 10 | 0.6 | 19.2 | 32 | 23 | 20 |
| X2B-002 | X2B-7.5M32E-0.6x10-SQX2.5 | 7.5 | 32 | 10 | 0.6 | 19.2 | 32 | 23 | 20 |

Wedge Models

| Part Number | Wedge Description | Wave Type | Angle Steel | Cut Angle | Delay Line | Length (L) | Width (W) | Front Height (H1) | Back Height (H2) |
|-------------|-----------------------|-----------|-------------|-----------|------------|------------|-----------|-------------------|------------------|
| | | LW/SW | (°) | (°) | | | | | |
| X2AW-001 | X2AW-0L25 | L | 0 | 0 | 25 | 23.0 | 25.0 | 25.0 | 25.0 |
| X2AW-002 | X2AW-N45S | S | 45 | 31 | 0 | 26.5 | 25.0 | 14.6 | 4.0 |
| X2AW-003 | X2AW-N55S | S | 55 | 36 | 0 | 26.5 | 25.0 | 15.7 | 4.8 |
| X2AW-004 | X2AW-N60S | S | 60 | 39 | 0 | 26.5 | 25.0 | 15.4 | 4.0 |
| X2AW-005 | X2AW-N60L | L | 60 | 20 | 0 | 26.5 | 25.0 | 24.0 | 17.5 |
| X2AW-101 | X2AW-N60S-114COD-IHC | S | 60 | 39 | 0 | 26.5 | 36.2 | 20.0 | 8.0 |
| X2AW-102 | X2AW-N60S-141COD-IHC | S | 60 | 39 | 0 | 26.5 | 36.2 | 20.0 | 8.0 |
| X2AW-103 | X2AW-N60S-273COD-IHC | S | 60 | 39 | 0 | 26.5 | 36.2 | 20.0 | 7.5 |
| X2AW-104 | X2AW-N60S-324COD-IHC | S | 60 | 39 | 0 | 26.5 | 36.2 | 20.0 | 7.5 |
| X2AW-105 | X2AW-N60S-508COD-IHC | S | 60 | 39 | 0 | 26.5 | 36.2 | 20.0 | 7.5 |
| X2AW-106 | X2AW-N60S-1067COD-IHC | S | 60 | 39 | 0 | 26.5 | 36.2 | 20.0 | 7.0 |
| X2BW-001 | X2BW-0L25 | L | 0 | 0 | 25 | 33.0 | 25.0 | 25.0 | 25.0 |
| X2BW-002 | X2BW-N45S | S | 45 | 31 | 0 | 43.0 | 25.0 | 26.8 | 10.6 |
| X2BW-003 | X2BW-N60S | S | 60 | 39 | 0 | 43.0 | 25.0 | 27.4 | 10.6 |
| X2BW-004 | X2BW-N60L | L | 60 | 20 | 0 | 43.0 | 25.0 | 29.2 | 17.4 |