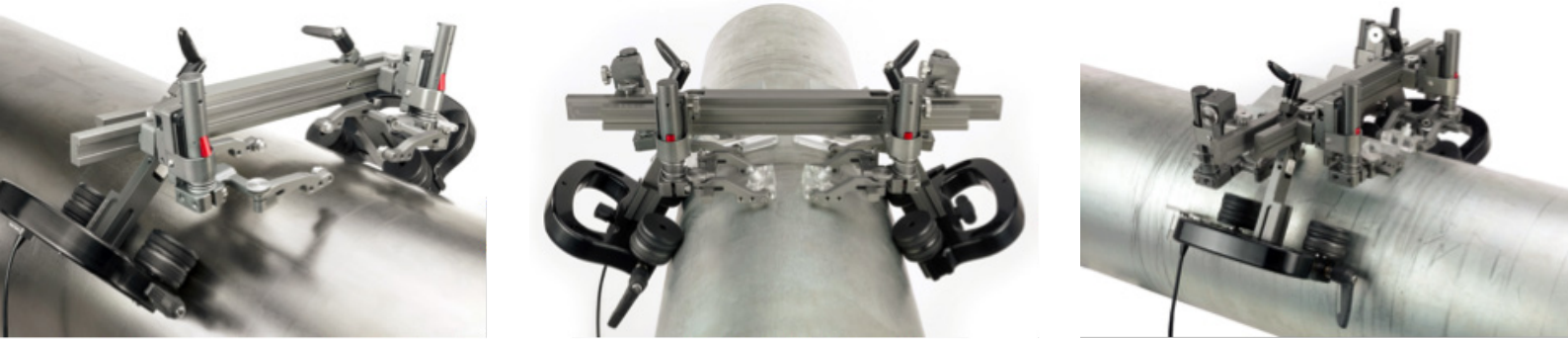




STIX – Long Seam Weld Scanner



Description

The STIX – Long Seam WELD Scanner is specially designed to translate Phased Array and/or TOFD probes along both sides of a pipe longitudinal seam weld. Available in two versions, this magnetic scanner can handle 2 or 4 probe wedges for longitudinal scanning down to a 150 mm (6 in) pipe diameter. It can also handle flat surface inspection as well as circumferential scanning down to 275 mm (10 in) pipe diameter.

Any Sonatest Phased Array and TOFD wedges can be accommodated and the integrated latch allows easy PCS (Probe Center Spacing) adjustment and scanner installation. A park brake is provided to hold the scanner in any desired location. All the wheels are coated with urethane to prevent foreign debris from hindering smooth rolling of the scanner.

The package includes a spring loaded encoder module to ensure accurate positioning. The encoder output is fully compatible with Sonatest instrument.

STIX – Long Seam WELD Scanner
2 probe holders JX-KIT-2 LONGSEAM



STIX – Long Seam WELD Scanner
4 probe holders JX-KIT-4 LONGSEAM



Simplicity | Capability | Reliability

Benefits

- **Adjustable Chain:** Using two link lengths and an adjustable buckle, any size of pipe can be inspected from 152.4 mm – 965.2 mm (6 in – 38 in) diameter. Links are designed with quick releases to easily be added or removed.
- **Double Wheel Chain:** A double wheel chain is used to straddle the weld. This allows the scanner frame to be centered on the weld to reduce wandering and reduce the width of the scanner.
- **Probe Holders:** An integrated latch allows easy probe center spacing adjustment and scanner installation. Due to its modular design most major types of phased array wedges can be accommodated.
- **Wheels:** All wheels are coated with urethane to reduce the effects of foreign debris obstructing the rolling of the scanner. Urethane also eliminates the sideways sliding of the scanner when used in vertical applications.
- **Brake system:** A brake is provided to lock the location of the scanner in a required position.
- **Built in Encoder:** The encoder output is fully compatible with all standard instruments.
- **Environmental Sealing:** The scanner is sealed using O-ring gaskets and seals to protect against the penetration of contaminants into the unit.

Specifications

- **Pipe Range – Circumferential:** 25.4 cm (10 in) – Flat
- **Pipe Range – Longitudinal:** 15.24 cm (6 in) – Flat
- **Encoder Resolution:** 9.05 steps/mm (5V DC TTL encoder compatible with Sonatest instruments)
- **Probe Holding Capacity:** 2 Phased Array wedges, 2 TOFD wedges
- **Umbilical Length:** 5 m (16.4 ft)
- **Inspection Surface:** Ferrous materials

STIX – Long Seam Weld Scanner 2 probe holders JX-KIT-2-LONGSEAM	STIX – Long Seam Weld Scanner 4 probe holders JX-KIT-4-LONGSEAM
<ul style="list-style-type: none"> • Stix long seam frame with 8 magnetic wheels • Spring loaded trailing encoder • Vertical probe holders (Qty: 2) • Long, drop, probe holder arm set (Qty: 2) • Probe holder spare parts kit • Irrigation kit • 3 mm hex tool • Wrench for pivot button adjustment • Rugged carrying case 	<ul style="list-style-type: none"> • Stix long seam frame with 8 magnetic wheels • Spring loaded trailing encoder • Vertical probe holders (Qty: 2) • Vertical TOFD probe holders (Qty: 2) • Long, drop, probe holder arm set (Qty: 2) • Probe holder spare parts kit • Irrigation kit • 3 mm hex tool • Wrench for pivot button adjustment • Rugged carrying case

Accessories

- Probe & Wedges – Refer to Sonatest transducer catalogue
- JX-1003 – Irrigation kit (tubes and fittings)
- ASM-9037-WPUMP – Portable Electric Pump Unit
- JX-CMA013 – Portable Manual Couplant Pump – 2 gallons
- JX-CMA014 – Portable Manual Couplant Pump – 3 gallons

Related Products



Veo+ (Multiscan)

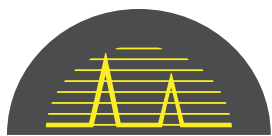
Distributed by:

Sonatest (Head Office)

Dickens Road, Old Wolverton
Milton Keynes, MK12 5QQ
t: +44 (0)1908 316345
e: sales@sonatest.com

Sonatest (North America)

12775 Cogburn, San Antonio
Texas, 78249
t: +1 (210) 697-0335
e: sales@sonatestinc.com



Sonatest

Simplicity | Capability | Reliability

