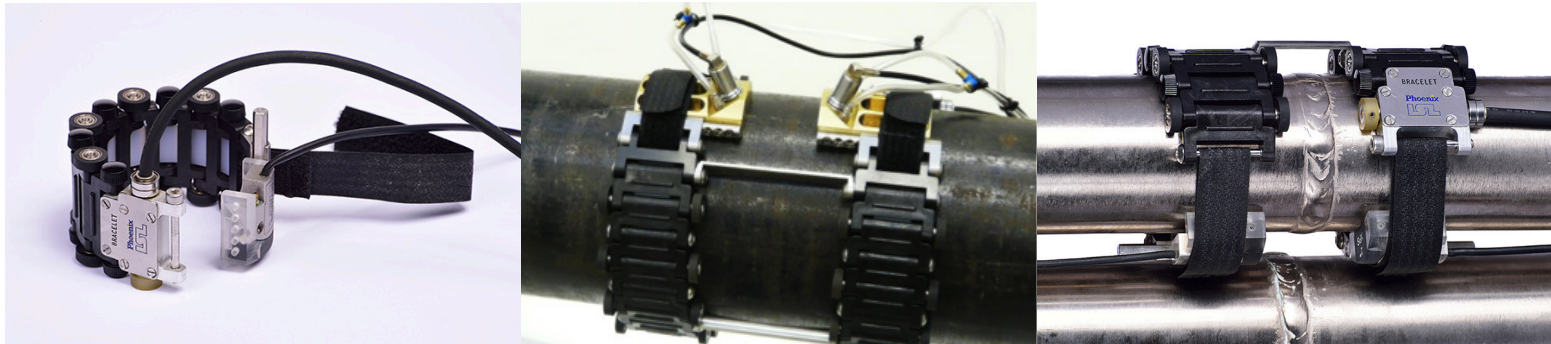




Bracelet

Bracelet – Bore Pipe Weld Scanner



Description

This manually operated belt scanner is the ultimate scanning aid for phased array inspection of circumferential welds in small bore pipework (from 0.5" to 8"). This lightweight scanner is extremely simple to set up and its low-profile design make it the perfect tool to use in areas of limited access.

The Bracelet – Bore Pipe WELD Scanner is commonly supplied as a single sided configuration making it suitable for pipe-to-fitting inspections as well as straight welds. It is also available in dual sided configuration with bridging plates and two phased array transducers for complete weld inspection in one scan.

Benefits

- **Compact design:** It has a radial height from the pipe surface of only 13mm and can be fed around the pipe past neighbouring obstructions to provide 360° inspection when only half the pipe is accessible.
- **Easy hook and loop strap:** It is quick and easy to attach the Bracelet to the pipe using a hook and loop strap to secure it in position. Similarly it is very easy to add or remove links to the belt for resizing the scanner to use on different pipe diameters.
- **Phased Array or TOFD inspection:** The Bracelet scanner has been optimised for testing circumferential welds in small bore pipework with ultrasonic phased array transducers. However, adding the TOFD kit make this solution optimal.
- **Single or Dual side option:** Inspection technique option for one or two sides of the weld.
- **Rubber Wheels:** The rubber coated wheels provide the Bracelet with excellent axial grip to prevent unwanted slipping and provide smooth circumferential movement around the pipe.
- **Built in encoder:** The miniature sealed encoder provides a high resolution (36 steps/mm) scan recording with, fully compatible with Sonatest instruments.

Simplicity | Capability | Reliability

Specifications

- Holds single or dual phased array probe configurations
- Scans pipes ranging from 0.5" to 4" NPS
- Clearance envelope of 13mm
- Rubber wheels provide smooth circumferential movement around pipe
- Probes and wedges are easily inter-changeable
- Miniature splash-proof encoder provides 38 quad counts/mm
- Compatible with Sonatest instruments

Standard kit content

- Single Bracelet scanner, select option according to OD requirements:
 - o PX-BRA-S-0.5" TO 4"
 - o PX-BRA-S-0.5" TO 6"
 - o PX-BRA-S-1.5" TO 4"
 - o PX-BRA-S-1.5" TO 6"
- Dual Bracelet scanner, select option according to OD requirements:
 - o PX-BRA-D-1.5" TO 4"
- PA wedges with irrigation (fits OD dimension option)
- Encoder with 5m cable (fits VEO+, VEO or PRISMA)
- Irrigation tubing and accessories
- Protective carry case

Accessories

- Probe & Wedges - Refer to Sonatest transducer catalogue
- ASM-9037-WPUMP - Portable Electric Pump Unit
- JX-CMA013 - Portable Manual Couplant Pump - 2 gallons
- JX-CMA014 - Portable Manual Couplant Pump - 3 gallons
- Calibration Block - Refer to Sonatest transducer catalogue

Related Products

veo+

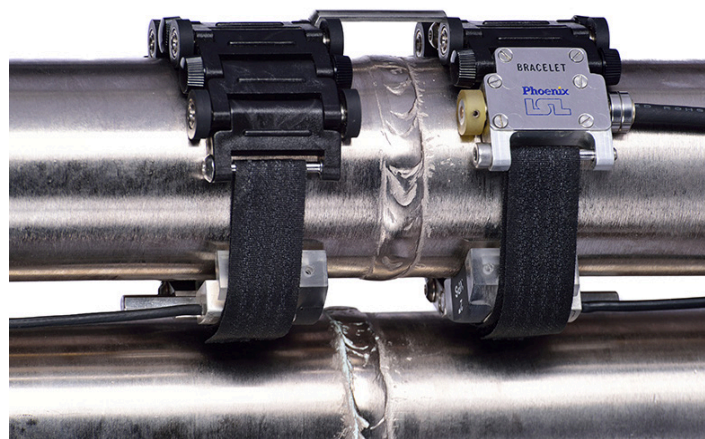


Veo+ (Multiscan)

prisaa



Prisma (IPA or 2TOFD)



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

