

The Bracelet Scanner is designed specifically for circumferential welds in small bore pipework. This manually operated belt type scanner is the ultimate scanning aid for phased array inspection of circumferential welds from 0.5" to 6" (12mm to 150mm). It is extremely simple to set up and its low-profile design makes it the perfect tool to use in areas with limited access. The Bracelet Scanner is commonly supplied as a single sided configuration making it suitable for pipe-to-fitting inspection.

**Industries**

- Nuclear
- Oil & Gas

**Typical Applications**

- Boiler tubes
- Bore pipes
- Heat exchanger

**Features & Benefits**

- Compact design for a 360° inspection
- Rubber wheels for an excellent axial grip
- Low profile probes, suitable for close pitch small diameter tube inspections
- Integrated encoder and irrigation kit
- One wedge package to fit various OD (outside diameters)
- Adjustable to fit various pipe diameter

## Recommended Package

Category	Part Number	Description
Product	PRISMA UT BNC KIT or PRISMA UT LEMO KIT	Prisma UT BNC Standard Kit or Prisma UT LEMO Standard Kit
Product option	SW-PRISMA-PA16	Prisma Software 16:16 PA
Probes	X0A-003	X0A-7.5M16EFC35-0.5x10-SQX5 (Low profile probes)
Wedges	Wedges are included with the scanner kit	Wedge AOD: 0.5", 0.75", 1", 1.25", 1.5", 2", 2.5", 3", 3.5", 4" and flat.
Scanner	PX-BRA-S-0.5" TO 6"	Single Small Bore Pipe Scanner with irrigation kit included
Pump	JX-CMA014 JX-1003 (Irrigation tube)	Portable Manual Couplant Pump - 7.9 litre (2.1 US gallon)

For faster data acquisition, VEO+ is recommended.

### Frequency recommendations according to the thickness (T):

By default 7.5 MHz

$T > 30 \text{ mm} = 2.25 \text{ MHz}$

$15 \text{ mm} < T < 30 \text{ mm} = 5 \text{ MHz}$

$4 \text{ mm} < T < 15 \text{ mm} = 7.5 \text{ MHz}$

$T < 4 \text{ mm} = 10 \text{ MHz}$

For further information, please contact the Sonatest Sales Team: [sales@sonatest.com](mailto:sales@sonatest.com)

Get in touch with your local Sonatest expert, available in more than 50 countries over 5 continents!



**Sonatest (Head Office)**  
Dickens Road, Old Wolverton  
Milton Keynes, MK12 5QQ  
t: +44 (0)1908 316345  
e: [sales@sonatest.com](mailto:sales@sonatest.com)

**Sonatest (North America)**  
12775 Cogburn, San Anotio  
Texas, 78249  
t: +1 (210) 697-0335  
e: [sales@sonatestinc.com](mailto:sales@sonatestinc.com)