

Olympus

Olympus Chain SCANNER XY38

Pine Item #55062

DESCRIPTION:

The ChainSCANNER XY38 provides a manual pipe-inspection solution for pipes ranging from 45 mm to 965 mm OD (1.75 to 38 in. OD). The scanner, held by chain links instead of magnetic wheels, is well suited for weld or corrosion inspection on various material types, using UT, TOFD, and PA technologies.

FEATURES:

- Standard configuration using one or two probes and optional configuration using four probes for TOFD phased array or pulse-echo inspections.
- Pipe range with outside diameters from 45 mm to 965 mm (1.75 in. to 38 in.).
- Encoded manual scan on one or two axis (depend on the model).
- Ergonomic handle to protect encoder connectors and provide cable management.
- Independent chain links mounted on bearings wheels coated with urethane for smooth rolling.
- Easy clamping device for quick scanner positioning.
- Spring-loaded probe holders ensuring good probe contact in any scanner position or orientation.
- The majority of adjustments can be made without the use of tools.
- Compatible with the OmniScan® the TomoScan FOCUS LT (with optional adaptor) and other instruments using the appropriate encoder cable.

APPLICATIONS:

- Circumferential-pipe weld inspections with phased array, TOFD, or conventional UT.
- Corrosion mapping of small areas with phased array or conventional UT (using XY; 2 encoder models).

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Product Specifications

Pipe range outside diameter	45 mm (1.75 in.) to 965 mm (38 in.)
X axis encoder Resolution:	19.2 steps/mm +/- 0.15 steps/mm quadrature decode
X axis encoder Power:	5 VDC 100 mA
X axis encoder Frequency:	0-2 kHz (for a maximum displacement velocity per second of 10 cm [4 in.])
Y axis encoder Resolution:	226.8 steps/mm +/- 0.15 steps/mm quadrature decode
Y axis encoder Power:	5 VDC 25 mA
Y axis encoder Frequency:	0-25 kHz (for a maximum displacement velocity per second of 10 cm [4 in.])
Operating temperature	5 °C to 50 °C (41 °F to 122 °F)
Storage temperature	-30 °C to 60 °C (-22 °F to 140 °F)
Relative humidity	Max 80% RH noncondensing
Wet location	Yes
Altitude	Up to 2000 m
Outdoor use	Yes
Pollution level	1
IP rating	Waterproof (designed to meet IP67)



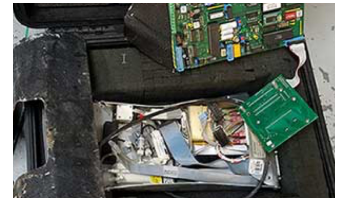
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