

XS “Switchgear” Scanner Configurations



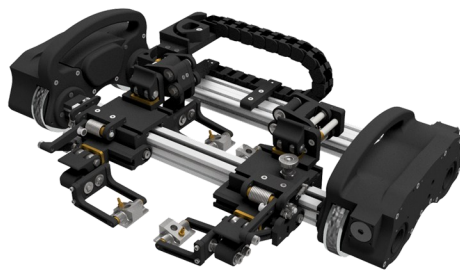
XS - Crawler
Automatic, steerable B-Scanner
with 4-wheel drive



XSR-300A1
Automatic, 300 mm raster style
scanner with a phased array
transducer



XSR-300M1
Manual, 300 mm raster style
scanner with single or dual
element transducers



XSWR-300A4
Automatic, 300 mm weld/raster
style scanner with phased array
and TOFD transducers



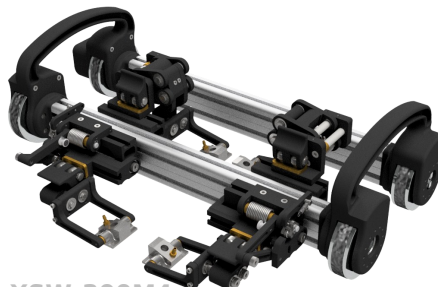
XSWR-300M4
Manual, 300 mm weld/raster
style scanner with dual element
transducers



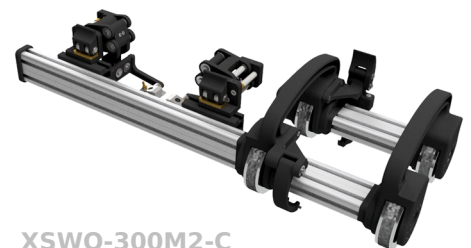
XSWO-300A2
Automatic, 300 mm overhanging
weld scanner with phased array
and TOFD transducers



XSW-300M2
Manual, 300 mm weld scanner
with phased array and TOFD
transducers



XSW-300M4
Manual, 300 mm weld scanner
with phased array and TOFD
transducers



XSWO-300M2-C
Manual, 300 mm overhanging
weld scanner with chain
attachment

Customizations Available:

- Custom Extrusion Lengths
- Manual or Automatic Drive Units
- Transducers (Single element, dual element, TOFD, or phased array)
- Number of Probes (1, 2, 4, or 6)
- Chain Attachment for Non-Ferrous Materials

Applications Available:

- Pipes
- Tanks
- Vessels
- Welds
- Training

These are just a few of the XS “Switchgear” configurations. Contact us to discuss additional configurations unique to your application.

XS “Switchgear” Modules

Drive Units

The motor drive packs are available in manual and automatic versions and are designed for weld and raster scans. They are environmentally sealed and utilize strong, neodymium magnets to provide accurate positional control.



Extrusion Assembly

The extrusions are available in manual and automatic versions and in custom lengths including 150, 200, 300, and 600 mm.



Probes Guides and Transducers

The probe guides are engineered for a variety of applications and provide a constant force on a variety of pipe sizes. Configurations range from 1 to 6 probes allowing for different types of ultrasonic scans (TOFD, phased array, single element, and dual element).



Chain Module

The chain module can be added to the XS “Switchgear” scanners to make it capable of scanning non-ferrous pipes.



In Development

ScanTech is currently developing new modules to further expand the versatility of the XS scanners. The most recent configuration in development is the XSDR. It is capable of C-Scans and can fit in small, tight spots.

