



SENTINEL DR Solutions GW-4™ Pipeline Girth Weld Scanner

SENTINEL™ Digital Radiography Product Line



QSA GLOBAL





GW - 4 WELD SCANNER



The GW-4™ is an automated digital X-ray scanner for inspecting circumferential pipeline and vessel welds. The magnetic scanner travels directly on 12" dia. and larger pipe.

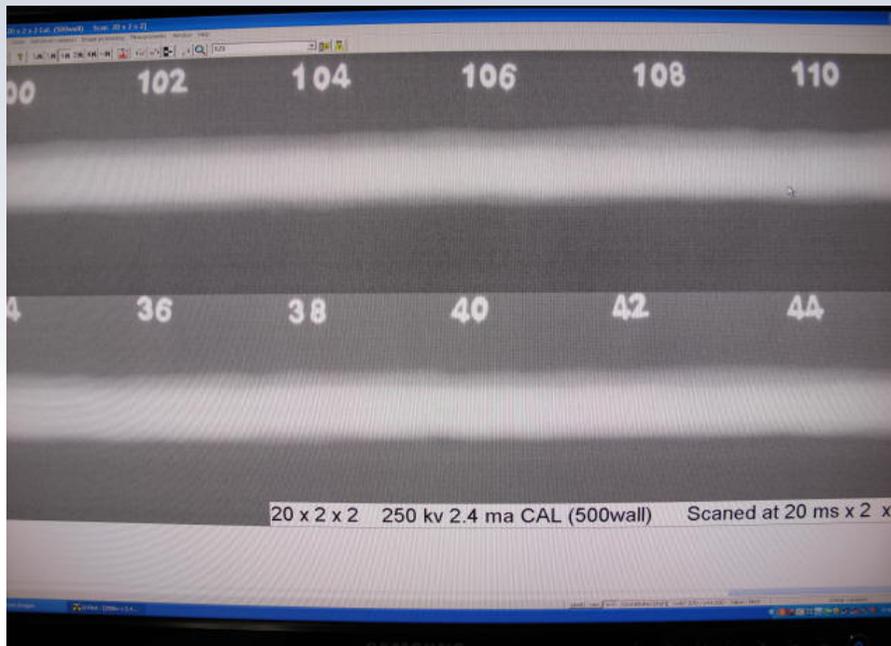
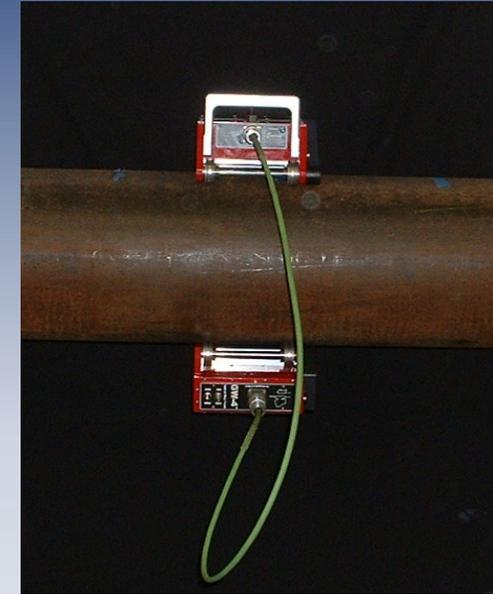
Using the latest CMOS X-ray imaging technology, the GW-4™ can conduct an inspection of girth welds with one to four detectors scanning simultaneously.



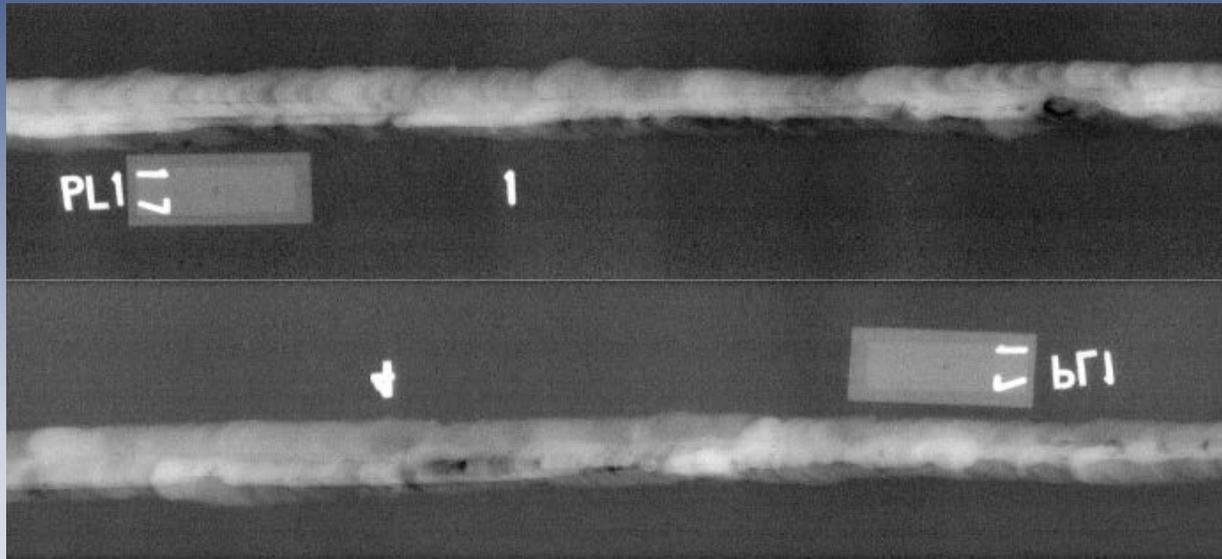
The GW-4 works with an internal panoramic CP X-ray source and can complete a 3-inch wide, high-resolution scan of a 24-inch pipeline in 2-3 minutes depending on pipe wall thickness and source power.



The ability to scan two GW-4 trucks simultaneously to decrease scan time.



Instant results with live scrolling on desktop.



Digital
Image
Storage.



TECHNICAL SPECIFICATIONS

Pipe size	Steel pipe 12" and larger
Image resolution	80 microns (.003")
Sensitivity	2-2T or better
X-ray requirements	Constant potential X-ray from 20Kv - 450Kv
Scan speed	Up to 1.6 sec./in., depending on resolution requirements and material thickness
Image file size	150KB/sq.in., i.e. 4 Mbytes for 3" wide scan of 12" length
Workstation	3 GB RAM, 300 GB hard drive, CD-RW, DVD-R, 24" TFT LCD 1280x1024 400 NITS Flat panel display
Software	MultiVision HD
Power	110-220 volts, 50-60 Hz, 120 watts total for workstation and scanner, operates on 12V battery with sine-wave inverter
Case	Field case provided for storage of the scanner and cable Optional cases for computer system available

Introducing

SENTINEL™ MULTIVISION HD™

**The innovative new software platform for
multiple NDT imaging modalities**

from

SENTINEL™

Providing

Effectiveness, Flexibility, Simplicity!

- Multi-modality support
- Consistent interface across
- Simple, icon-driven operation
- True DICOM architecture
- Simultaneously scan & view images
- Sophisticated filters & presets
- Advanced measurement tools
- Highly customizable
- Informational technique editor
- Source tracking & activity calculator
- Image export w/ integral free viewer
- Open architecture for future additions

QSA Global, Inc.
Digital Sales & Technical Solutions
3200 Awesome Lane
La Porte, TX 77571

Telephone +1 225 751 5893

Toll Free +1 800 225 1383

Facsimile +1 225 756 0365

www.SENTINELNDT.com or www.CMOSXRAY.com