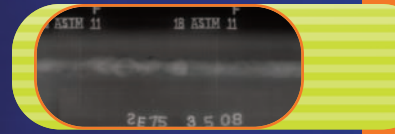


SENTINEL™
YOUR KEY TO NDT



Small Wonder.



SENTINEL™ VISION HR



QSA GLOBAL

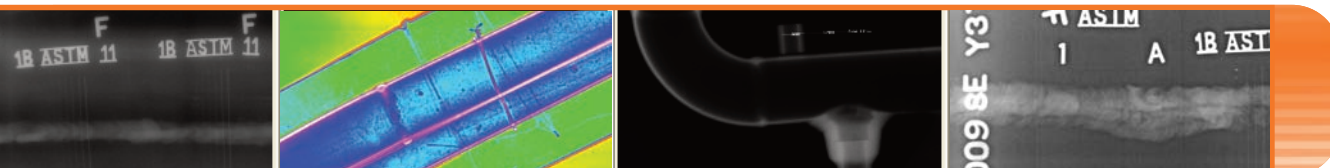
SENTINEL™ Vision HR. The smaller, lighter and more effective way to perform digital radiography.

Superior Imaging Made Simple.

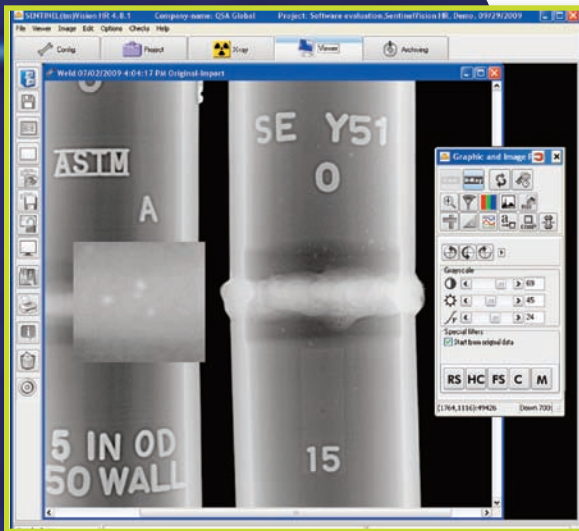
With the SENTINEL™ Vision HR digital radiography system you get state-of-the-art imaging quality in a portable, durable and affordable package. Specifically designed for inspections both in the field and in the lab, SENTINEL™ Vision HR is a computed radiography system that uses flexible phosphor imaging plates instead of film to create high resolution images. Its rugged portability makes it ideal to use in field conditions, and the battery option allows uninterrupted operation when reliable power is not available. The compact size and light weight of the SENTINEL™ Vision HR enable it to be deployed in any type of transport, including helicopters. From profiling to weld quality, from X-ray to isotopes, from short to long imaging plates, the SENTINEL™ Vision HR does it all.

Advanced Scanner Features.

- 14 micron laser spot size for highest resolution
- 20 lp/mm capability
- Full 16 bit images (65,535 gray levels)
- Patented high-intensity red LED eraser
- Internal battery allows true field operation
- Scans multiple plates simultaneously
- Optional plate guides and supports
- Weighs only 44 lbs with battery



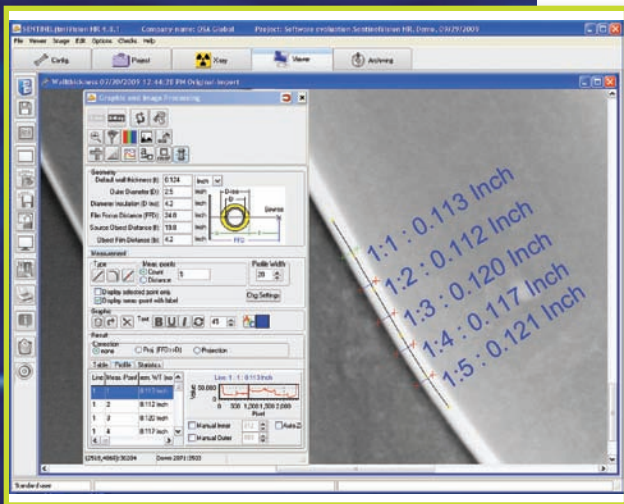
SENTINEL™ Vision HR digital imaging software makes scanned images easy to capture, view and evaluate.



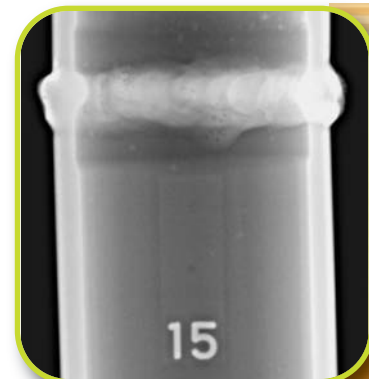
Advanced Software Features.

SENTINEL™ Vision HR replaces conventional film with phosphor imaging plates, and uses a high-resolution digital laser scanner instead of wet chemical processing. The scanned image is displayed on a high-resolution monitor, and simple yet sophisticated software tools can be used to quickly adjust the image for optimal viewing. The SENTINEL™ Vision HR software offers icon-driven operation, with single-button filters for instant image optimization. The advanced pipe wall thickness measurement tool automatically makes multiple thickness measurements along a single line drawn along the pipe wall.

- Simple icon driven operation
- Intuitive image classification database
- Original image is never compromised or changed
- Brightness, contrast and gamma adjustment
- Image flip, rotate and zoom
- Image pseudo-color tool
- One-touch filters and presets
- Histogram optimization tools
- Roving magnifying glass
- Line, area and angle measurement
- Advanced pipe wall thickness measurement tool
- Text and region of interest annotation



Once your image files are completed they can be exported in your choice of industry-standard file formats to CD or memory stick, and automatically archived to a network drive. Exported images can be viewed with either the accompanying image viewer, or any commercially available software.



Available as a very Portable Laptop
or a mobile PC/HiRes Monitor System



Desktop Version

SV3MPCMTB

SV5MPMMTB

Available in either 3Mp color monitor
or 5Mp monochrome Monitor.



Laptop Version

SVLTPMTB

Scanner Specifications

Dimensions: 15 1/2" W x 18" L x 14" H.

Weight: 42 lbs (without battery),
44 lbs (with battery).

Electrical: 50/60 Hz, 110-240 VAC,
24 volt DC power port.

Laser Classification: Class 1 Laser Product. Compliance
with FDA HHS 21 CFR 1040.10
and IEC 60825-1.

Laser spot size: 14 microns.

Imaging media: Flexible Phosphor Storage Plates -
all major brands and sizes.

Software: SENTINEL™ Vision HR imaging
software included.

SALES OFFICE

SENTINEL™

QSA Global, Inc.

6765 Langley Drive

Baton Rouge, Louisiana 70809

Telephone +1 225 751 5893

Toll Free +1 800 225 1383

Fax +1 225 756 0365

or +1 225 751 8082

MANUFACTURING

SENTINEL™

QSA Global, Inc.

40 North Avenue

Burlington, Massachusetts 01803

Telephone +1 781 272 2000

Toll Free +1 800 815 1383

Fax +1 781 359 9179

sales@SENTINELNDT.com

www.SENTINELNDT.com



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