



**NEW**

## OmniScan UT for Single-Axis Encoded B-Scan Inspection Kit



### Introducing the OmniScan 2-channel UT B-Scan Corrosion Mapping Kit.

This kit includes the OmniScan MX UT, the manual Remote Scan B-scan position encoder, TomoView Lite software, and a dual-UT probe. This kit addresses your B-scan inspection needs—for spot checks and one-line scans on ferrous steel structures, plates, pipes, and more.

Choosing the OmniScan MX UT provides you with a wide range of instrument configurations to keep all your options open for the future and to meet more technically advanced requirements. The fully modular OmniScan MX platform can host several acquisition modules featuring technologies such as conventional UT, phased array UT, conventional eddy current, and eddy current array.

### New Offer—Kit Price Available

- OmniScan MX UT instrument
- Remote Scan B-scan position encoder and probe
- TomoView Lite

### OmniScan MX UT Features

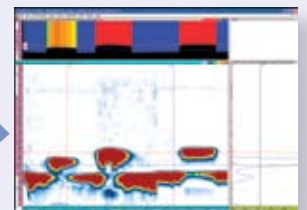
- Rugged and portable
- Battery-powered (up to 8 hours)
- Large, high-resolution color display (8.4 in., SVGA)
- Easy remote operation
- Online help
- Setup Wizard
- Calibration Wizard
- Full-featured B-scan view
- Color palette list
- Comprehensive reporting
- Defect table
- Analysis mode
- Readings
- Measurement cursors
- Thickness measurement



Remote Scan, B-scan position encoder



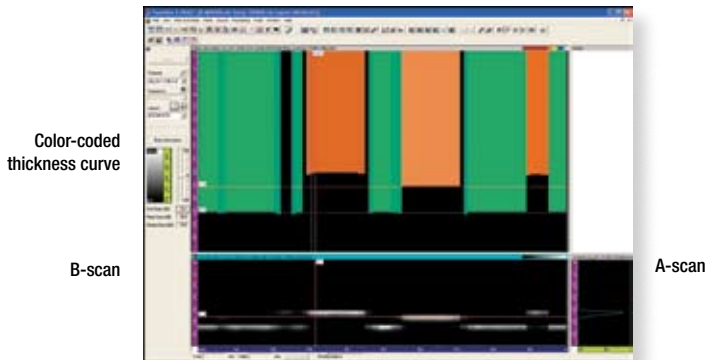
OmniScan MX UT (2 channels)



TomoView Lite for postprocessing

# TomoView Lite Software Features

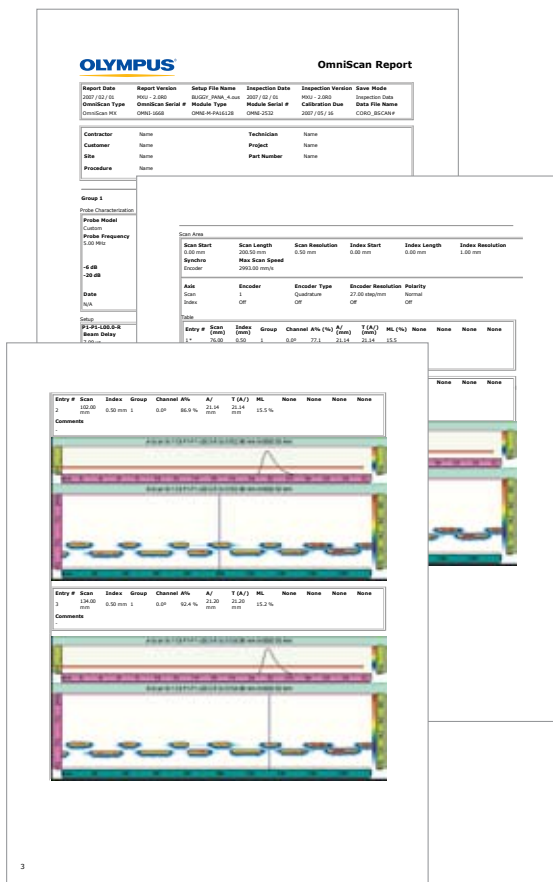
- OmniScan data-file conversion
- PC based postprocessing capability
- PC based reporting capability



- B-scan data-file merging
- C-scan analysis
- Soft gain adjustment
- Display layout modification

## OmniScan Reporting

- The OmniScan offers comprehensive reporting capabilities, including reading configuration. The report layout can be fully customized using HTML.



Reporting is integrated into the OmniScan software.

OmniScan 2-Channel Conventional Ultrasound Specifications	
Overall dimensions	321 mm × 209 mm × 125 mm (10.6 in. × 8.2 in. × 5 in.)
Weight	4.6 kg (10.1 lb) (OmniScan MX + UT module + one battery)
Connectors	LEMO® 00 (2, 4, or 8)
Storage devices	CompactFlash® card Standard USB storage Internal memory Ethernet™
Display size	8.4 in. (diagonal)
Encoder	2-axis encoder line
Logical alarms	16
Number of alarms	3
Battery life	6-hour minimum with two batteries (in normal operating conditions)
Number of pulsers/receivers	2 (4- or 8-configuration available)
Pulse output	50 V, 100 V, 200 V, 300 V
Pulse width	Adjustable from 30 ns to 1000 ns
Gain range	0 dB to 100 dB, in steps of 0.1 dB
System bandwidth	0.25 MHz to 32 MHz (-3 dB)
Inspection modes	PE (pulse-echo) PC (pitch-and-catch) TT (through-transmission) TOFD (time-of-flight diffraction)
Maximum pulsing rate	12 kHz (1channel, C-scan save mode)
Display refresh rate	60 Hz
Number of gates	3 (I, A and B)

## Ordering Information

OmniScan B-Scan Corrosion Mapping Kit part number: OMNI-K-UT2C-BS1

### Standard Inclusions:

- OmniScan 2-channel UT instrument
- AC adapter, battery (1), 1 GB CompactFlash card (1) with reader
- One TomoView Lite data analysis software licence
- OmniScan user's manuals on CD-ROM
- One Remote Scan B-scan position encoder with 3-meter encoder cable (10 feet)
- One D790-SM Dual Transducer, 5 MHz, 0.434 in. element diameter, with straight Microdot connector and cable
- One hard carrying case



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