

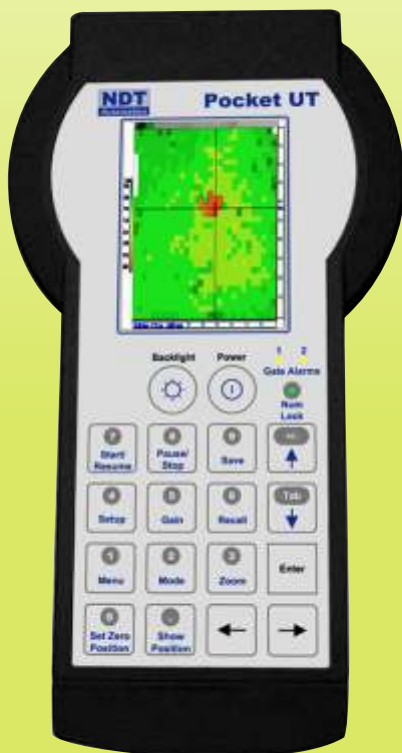
Pocket UT

**...the World's First and Only
Hand-held, Stand-alone, Battery-operated Full C-Scan System**



C-Scan with Pocket-UT

0 to C-Scan in 60 Seconds (or less)!



Pocket-UT provides full C-Scan Inspection capability in a portable, easy-to-use hand held unit

- Operates as an ultrasonic flaw detector, thickness meter, A-Scan, B-Scan or full C- Scan system
- Runs C-Scans within seconds using conventional scanners or our dry coupled magnetic wheeled scanner that can be used on most surfaces without preparation or couplant
- Interfaces with dual-axis automated scanners using available optional software

KEY FEATURES:

- 1k pulses per second
- Operates in A-Scan, B-Scan, flaw/thickness or full C-scan modes
- Up to 4-hour, integrated battery pack
- Windows CE software
- Rolling sensor provides continuous area scan rather than point readings as with other NDT devices
- Permanent digital record of the test results
- Compact Flash Card and USB port for data transfer to laptop or desktop PC

Pocket AE-2

Portable 2-Channel Acoustic Emission System



KEY FEATURES:

- All the standard performance features as in PAC's PCI based multi-channel AE instruments
- PDA type computer that uses Microsoft™ Windows-CE™
- New low power line of sensors with an internal AE preamplifier
- Two AE channels with one high performance 18 bit A/D for each channel, allowing AE data processing at up to 10SMPS
- 16 bit A/D waveform capture and AE signal processing
- 16 bit A/D parametric input to correlate AE to other process sensors
- Integrated rechargeable battery package lasting 4 hrs
- Internal flash memory for storing setups and data files
- Permanent digital record of the test results in standard DTA, PAC data files, compatible with AEWIn™ Software for detailed data analysis and data visualization
- Compact Flash card and USB port for data transfer to laptop or desktop PC



Pocket AU

Hand-held Acousto-Ultrasonic Scanning System

KEY FEATURES:

- Hand-held portable unit for thick composite material and fiber reinforced concrete polymer inspection in the field
- Pocket PC controlled portable image system for defect inspection
- Integrated battery package lasting up to 4 hours
- Numerical keyboard and LCD screen for showing inspection results with A-Scan and C-Scan images
- Windows CE software, familiar and easy to operate
- Rolling sensor guided continuous area scan rather than point reading as with other NDT devices
- C-Scan resolution up to 1/16
- Scan amplitude and TOF adjustable gate processing
- Permanent digital record of the test results
- Compact Flash card and USB port for data transfer to laptop or desktop PC
- Capability to detect defects of 6 mm in diameter

