

# MANUAL SCANNER

TecScan's Manual Scanner consists of an XY entry level inspection device that can provide highly detailed images while keeping costs at their lowest. This manual scanner has indexing capabilities that allow very flexible scan configurations.



[www.tecscan.ca](http://www.tecscan.ca)

## Scanner specifications

Axis	Accuracy	
	X Axis Stroke*	12 to 20"
Y Axis Stroke*	12 to 20"	300 to 500 mm
Weight of Scanner**	10lbs	4.5 kg
Scanning Resolution (X & Y)	0.0006"/Step	0.015mm/Step
Indexing Step	0.02"/Index	0.5mm/Index

\*Other dimensions are available as options

\*\*Weight may vary depending on the support system used

## manual scanner: an integrated solution

The manual Scanner has an indexing mechanism on both the X and Y axis for more rapid and efficient scans. Each axis is equipped with an optical encoder that ensures accurate and high resolution scanning.

The transducer support is articulated in order to maintain the contact between the probe and the inspected part. The scanner comes equipped with magnetic bases or rubber leveling pads, an optional vacuum cup support mechanism is available for vertical or overhead inspections.

TecScan provides a complete integrated solution incorporating the Manual Scanner, one of our TecView™ Lite software packages as well as a portable workstation. This combination enables the user to obtain A, B, and C-Scan images that are comparable to those displayed by an Immersion or an Automated scanner.

Moreover, the scanner is lightweight and can be disassembled and stored in a transportation case for site inspections.

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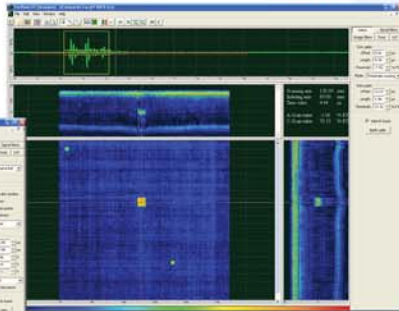
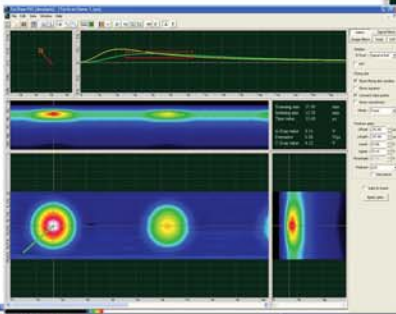
## TecView™ Lite

Along with our range of manual scanners, a TecView™ Lite software can be used to increase the quality of the NDT inspection process. The software package includes a data Acquisition and Management module as well as an Analysis and Interpretation Module.

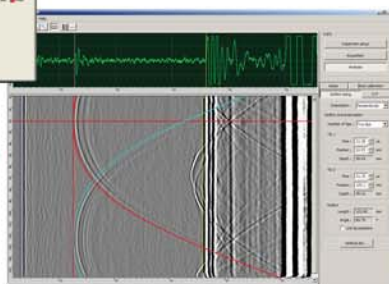
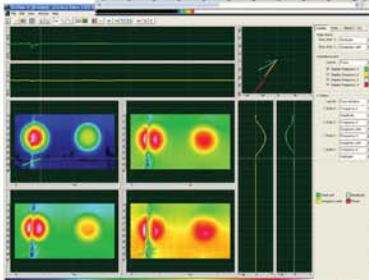


## TECVIEW™ LT

## TECVIEW™ PEC



## TECVIEW™ TOFD



## TECVIEW™ EC

## System Features

- Industrial Travel Case
- Pulsar/Receiver & Digitizer
- Industrial Portable Computer
- TecView™ Lite that features an intuitive user interface and Full waveform digitalization
- Indexing capabilities on both the X and the Y axes
- Can be integrated to standard phased array units