

Introduction

The SITESCAN D-50 offers end users an entry-level broadband flaw detector in the popular and portable casing of the renowned D-Series product line. The T-log feature of the SITESCAN D-50 allows users to record multiple thickness measurements of a corroded area. The data can be saved and then exported into a CSV file format. A more advanced assessment based on the API 579 standard can then be performed. Other advanced features, such as an envelope, T_{min} and echo-to-echo measurements are available with this equipment.

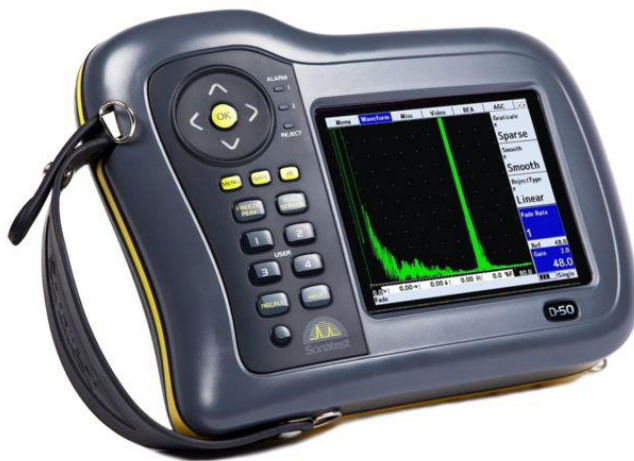


Figure 1 – SITESCAN D-50



Figure 2 – DEM & PDEM probe series

Industries

- Aerospace Aeronautical Inspection
- Aerospace Astronautical Inspection
- Chemical & Petrochemical Sector
- Oil & Gas Sector
- Nuclear Energy Sector
- Rail Sector
- Military Sector
- Maritime Shipping Industries
- Automotive Industry
- Pharmaceutical Sector
- Mining Sector
- Construction and Infrastructure
- NDT Service Providers

Application

- Corrosion / Thickness measurement
- Casting / Forging Inspection
- Composite Material Inspection
- Plastics Inspection
- Storage Vessel Inspection
- Material Bonding Inspection
- Asset integrity
- Rail and Axle inspection

Typical Parts

- Boiler tubes
- Bore pipes
- Pipelines
- Pressure vessels
- Heat exchangers

Inspection Techniques

- Manual UT

Features and Benefits

- Defect sizing
- CSV File saving

For further information or support, please contact the Sonatest Applications Team: applications@sonatest.com

Recommended Tool Package

Category	Part #	Description
Acquisition Unit	D50	High-performance handheld corrosion thickness gauge
Product option	SW-Corrosion	T-Log + B-Chart software
Probe	PDEM3750	Dual element compression transducer Frequency: 5 MHz, Diameter: 3/8" Other probes are available upon request. Contouring probes for pipes are available
Cable	152062 or 152060	Twin transducer cable TPC-LD or Twin transducer cable TPC-BD
Software	UTILITY PRO	A software solution that enables users to quickly visualize data displayed in a colour-coded table.
Optional software	Pipecheck UT	Evaluate a pipeline's fitness for service with the ipcheck corrosion software module for fast, yet reliable, data processing and instant on-site results

Get in touch with your local Sonatest expert, available in more than 50 countries over 5 continents!



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