SONOSCREEN ST10

Flaw Detector for Rough Testing Environment

Advantages:

Great Performance and intuitive menu navigation

High performing square wave transmitter

High-resolution 8" graphic display, 16:9 format

5 ns resolution over the entire measurement range

robust aluminum housing, IP66 certified

2 GB internal memory for storing up to 60.000 A-scans plus device configuration

External data storage on USB flash drive

Get a Quote

Co-developed by experienced material testers, the compact ultrasonic flaw detector SONOSCREEN ST10 for NDT unites high performance requirements with consistent user orientation.

A clear menu structure guides the tester quickly through all necessary pre-test settings. All menu items are displayed in plain English and an edible probe database of all probes assures an effective working process.

The SONOSCREEN ST10 can be used for all conventional ultrasonic tests such as **weld inspections, wall thickness measurements and the detection of discontinuities**, which includes invisible cracks, inclusions, voids and other discontinuities in metals, plastics, ceramics and composites. Designed for rough applications, the ultrasonic flaw detector **stands firm to extreme temperatures between -20 to 60 °C**, with the large, high-resolution **8" graphic display** showing all measurement results at a glance.

Matching the flaw detector SONOSCREEN ST10 we offer you a wide range of standard as well as customized probes.

Technical Data

Standards			DIN EN 12668-1, ASTM E1324
Operating temperature			-20 to +60°C
Screen			8" color display in 16:9 format, WVGA 800 x 480 px
Transmitter	Pulser		Retangular, undirectional
	Polarity		Negative
	Pulse width		Automatically or 20 to 1000 ns, in steps of 5 ns
	Pulse repition frequency		4 steps (maximum, high, medium, low)
Receiver	Amplifier		Dynamic range: 0 to 110 dB / Increment: 0; 0.5; 1; 2; 6; 12 dB
	Rectification		Full-wave, positive/negative half-wave, RF
	Noise reduction		0 to 80% of screen height
	Amplitude measurement		0 to 125% of screen height
Connectors			2x LEMO 1S / 2 USB interfaces

Memory	Internal: 2GB for up to 60.000 A-Scans incl. device setups
	External: USB Stick

Downloads

Type	Title	Size
PDF	Flyer SONOSCREEN ST10	2.38 MB
PDF	Probe Catalogue NDT	7.13 MB

360° View

360° **360°**

Open 360° view

APPLICATIONS

- Weld seam testing
- Casting and forging inspection
- Sheet metal testing
- Plastic and composite testing
- Wave and axle testing
- Wallthickness measurement

DO YOU HAVE ANY QUESTIONS?

Please contact us! We will be glad to help you.

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