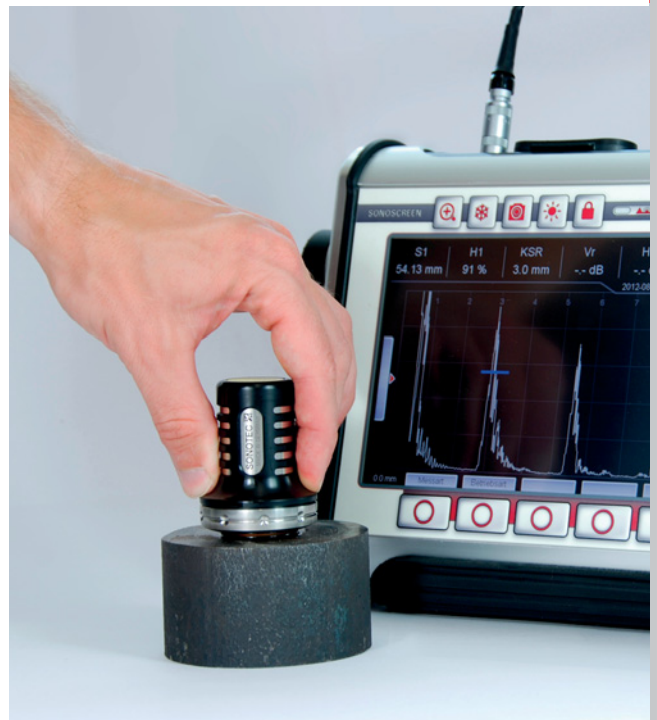


# STRAIGHT BEAM PROBES

*Pulse Echo and Dual Element Probes  
for Non-Destructive Testing with  
Ultrasound*



## SONOSCAN

*Ergonomic Design  
High Sensitivity  
Made in Germany*

نماینده انحصاری در ایران

کاوشکاران

تلفن: ۰۲۱ - ۸۸۶۸ ۵۲۹۷

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SONOTECH 

# SONOSCAN Probes for Non-Destructive Testing on Metals and Plastics



The ergonomic straight beam probes of the SONOSCAN series for non-destructive material testing comply with the European standard DIN EN 12668-2. They are used to check metals, plastics and ceramic materials for discontinuities, such as cracks, inclusions, blowholes and other material flaws.

The pulse echo and dual element probes "Made in Germany" are powerful, robust ultrasonic transducers, which are compatible to the new ultrasonic flaw detector SONOSCREEN ST10 and common mobile ultrasonic test equipment.

## Applications

- Straight beam flaw detection and wall thickness measurement on metals, plastics and ceramic materials
- Inspection of pipes, plates, billets, castings and forgings
- Testing of pipes and bars
- Detection of delaminations

## Advantages

- Excellent acoustic characteristics
- Can be connected to common ultrasonic test equipment
- Unique ergonomics and fatigue-proof, handy usage
- Suitable for DGS evaluation
- Made in Germany



We offer our precise ultrasonic probes with different frequencies and transducer sizes. Choose the most suitable probe for your application, depending on material characteristics, thickness and geometry of the work piece.

## Technical Data

### Pulse echo probes with protective membrane

Type	Frequency	Transducer	Order number
PL2 EN	2 MHz	Ø 24 mm	100 02 0002
PL4 EN	4 MHz	Ø 24 mm	100 02 0003
PS2 EN	2 MHz	Ø 10 mm	100 02 0004
PS4 EN	4 MHz	Ø 10 mm	100 02 0005

Connections: LEMO 1S (PL), LEMO 00 (PS)

### Pulse echo probe with hard wear plate

Type	Frequency	Transducer	Order number
HS4 EN	4 MHz	Ø 10 mm	100 02 0007

Connection: LEMO 00

### Dual element probes

Type	Frequency	Transducer	Order number
TL2 EN	2 MHz	7 x 18 mm	100 02 0008
TL4 EN	4 MHz	6 x 20 mm	100 02 0009
TS2 EN	2 MHz	Ø 11/2 mm	100 02 0010
TS4 EN	4 MHz	3.5 x 10 mm	100 02 0011

Connections: 2 x LEMO 00

### Optional accessories

Connection cable

Probe certificate acc. to DIN EN 12668-2

Further probe types are available upon request.

SONOTEC preserves the right to change technical specifications without further notice. (Rev. 3.0 / 2013-09-05)

**SONOTEC** 

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