FOERSTER

SONODUR 3 LITE LEEB

Essential Leeb hardness testing performance – proven quality for mobile applications

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Essential Leeb performance. Proven quality. The SONODUR 3 LITE LEEB is dedicated to pure Leeb hardness testing: focused, reliable, and uncompromising in accuracy. It uses the same high-quality probes and delivers the same precision as the SONODUR 3, while leaving out additional functions. Designed for straightforward operation, the LITE LEEB version omits camera features such as image storage, barcode naming, and DataMatrix adjustments.

UCI probe compatibility and Wi-Fi connectivity are not included; data transfer takes place via USB connection to your computer.

Alongside the Bluetooth-enabled probes, new wired Leeb probes now offer even greater flexibility. Choose from wired Leeb D and G or Bluetooth Leeb D, G, and DC probes.

YOUR ADVANTAGES AT A GLANCE

User-friendly: The probes are easy to handle and can be mastered within minutes.

Fast measurement: Perfect for serial testing of larger components.

Comprehensive data storage: All relevant results can be saved, e.g. as Excel or TXT files.

Replaceable impact body: The Impact body can be replaced by the user at any time – no need to send the unit in.

Automatic Conversion to All Common Hardness Scales: Instantly displays results in any customer-specified scale (HV, HB, HRC, HRB, etc.) according to EN ISO 18265-2019, ASTM E140-2019 and EPRI correlation P-91 2020 standards.

NORMS

ASTM A1038: Defines the UCI hardness testing method, in which material hardness is determined by measuring the frequency shift of a vibrating probe with a Vickers indenter.

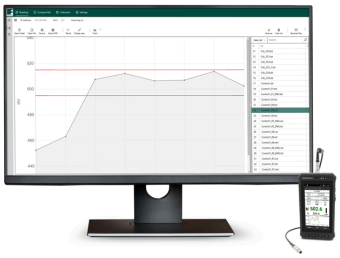
DIN 50159: Specifies a hardness testing method for metallic materials using the UCI (Ultrasonic Contact Impedance) technique.

TECHNICAL INFORMATION

OPERATING SYSTEM:	Android 7.0
OPERATING TIME:	>10 h in measurement mode (depending on system settings and operating conditions)
PROTECTION GRADE:	IP65
QUALIFICATION:	suitable for industrial use according to MIL-STD-810G method
TEST METHOD:	Leeb method, according to ASTM A956, ISO 16859, GB/T 17394.
REVALUTATIONS:	according to the latest ASTM E140-12b (2019) and EN ISO 18265:2019
DIMENSIONS DISPLAY UNIT:	approx. 164 × 86 × 23 mm
WEIGHT INDICATING INSTRUMENT:	approx. 320 g (incl. battery pack)

ACCESSORIES

SONODUR 3 - DUPLEX CHARGING STATION
Charging station with two charging slots for single or dual charging of SONODUR 3 devices

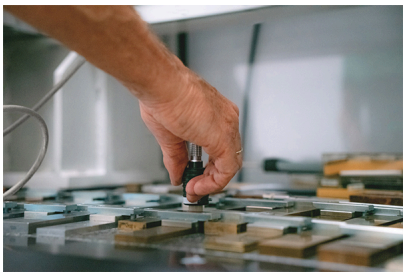


SONO STUDIO
Statistics and logging software for SONODUR products

HARDNESS REFERENCE BLOCKS
Hardness reference blocks for UCI- and Leeb meassuring technology

WIRED LEEB PROBES
Always ready, no charging required

SONO L
Bluetooth Leeb rebound sensors for fast and reliable hardness testing



RECALIBRATION OF MOBILE PRODUCTS
Recalibration guarantees the accuracy and quality of your test and measurement values

FOERSTER

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Headquarters
Institut Dr. Foerster GmbH & Co. KG

In Laisen 70
72766 Reutlingen
Germany

+49 7121 140 0
info@foerstergroup.com

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