

Uni-T Leeb UT347A Hardness Tester



Model: UT347A

Manufacturer: UNI-T

EAN: 6935750534724

Product Code: 878388

R10,603

Uni-T Leeb UT347A Hardness Tester

The Uni-T Leeb UT347A hardness tester is a portable and accurate device for measuring hardness using the Leeb method, designed for field use and for testing large components such as turbines, pressure vessels, and shafts. It supports 6 hardness scales (HL, HB, HRC, HRB, HV, HS) and tensile strength, offers 5 impact directions, and features automatic probe recognition without calibration. Built-in memory for 900 data sets, a 640×480 camera, Bluetooth with a mobile app and PC software, and a thermal printer make it easy to record and analyze measurements. The entire unit is housed in a compact casing with a clear, 2.8" color TFT screen and powered by a high-capacity battery.

Measurement precision and flexibility

The device works with various probe types (up to 7), allowing you to adapt them to the material and measurement conditions, while automatic probe identification eliminates the risk of errors during changes. Several operating modes—statistics, multi-unit, line graph, and histogram—translate into

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better quality control, as the user sees not only the result but also its distribution. Overrange alarms and LED indicators help respond quickly to deviations. The UT347A also offers Bluetooth and USB connectivity, making it easy to transfer results to an app or computer, while thermal printing allows you to generate a report on-site immediately. Adjustable backlighting, voice prompts, and an LED flashlight enhance comfort when working in challenging conditions. The 2500 mAh battery provides several hours of operation, and the auto-off feature helps conserve energy.

Included

- Leeba UT347A Hardness Tester
- Type D impact probe
- Leeba hardness reference block
- Nylon brush
- USB-C cable
- User manual
- Downloadable guidelines
- Thermal printer paper x 2

Manufacturer	Uni-T
Model	UT347A
Hardness scales	HL, HB, HRC, HRB, HV, HS
Strength measurement	σ_b (tensile strength)
Impact angles	0°, 45°, 90°, 135°, 180°
Measurement modes	statistical, multi-unit, line graph, histogram
Statistics	max / min / avg
Memory	up to 900 data sets
Camera	640×480 (up to 900 BMP images)
Display	2.8" TFT 320×240
Printing	57 mm thermal paper

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Connectivity	Bluetooth (APP), USB, PC software
Over-limit alarms	yes (3-color LED)
Backlight	adjustable
Voice prompts	yes
Power supply	3.7V 2500 mAh Li-Po battery
Charging	DC 5V 2A (USB-C), approx. 2-4 hours
Auto power off	1 / 5 / 10 / 30 min or off
Drop test	1 m
Certifications	CE (pending), UKCA
Materials	steel, alloy steel, stainless steel, cast iron, aluminum, copper, and their alloys

GPSR Link: https://psr-assets.innpro.pl/tools/sg_tools_measuring_tools.pdf, Gross weight: 6010, Net weight: 1200, Box length: 45,50, Box width: 37,00, Box height: 17,00

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