Handheld Hardness Tester

HT-3000

G&R Technology Inc.

The G & R Technology HT-3000 is the newest iteration of our famous Leeb testers. It remains small and light, yet stronger and more durable than before. The new Bluetooth function allows convenient transfer of readings to an app or printer.

The Leeb test is fast and non destructive. It does not have any dwell time and provides instant readings, making it faster than other testing methods such as Vickers or Rockwell. It is perfect for repeated testing, such as on assembly lines. Its multidirectional testing makes it unhindered by test sample size and shape.

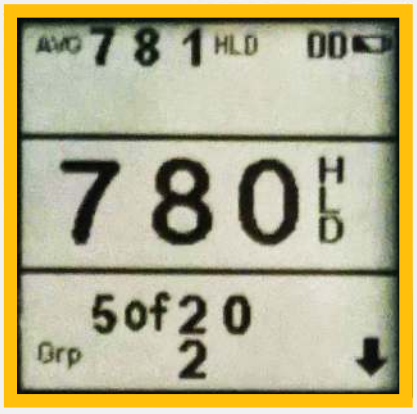
Small and Light

The latest iteration of the original portable Leeb tester, the HT-3000 maintains its light weight and versatility. Updated with a titanium body and aluminum case, it is even more durable and remains light.

Its light weight allows it to be conveniently carried in the field, and reduces the user's fatigue. It can also be used in any direction to test hard to reach spots or all shapes and sizes. The tester has settings to compensate for different directions to deliver accurate readings.

It can use a CR2450 battery for convenience or its rechargeable variant LR2450 to save battery costs.

Accurate and Precise



Our commitment to accuracy and precision means further improvements on the inside. More advanced electronic and mechanical components deliver even more accurate readings than before.

Wireless

The HT-3000's communication has been advanced to Bluetooth. It can communicate with a portable printer or a mobile app. Test readings can be printed in the field to give an instant record of each reading, along with time and statistics. They can also be transmitted to an app to save memory as well as perform more advanced calculations.

Stronger Body

We have always strived to build long lasting and durable testers, and added further improvements by using stronger and more durable materials, longer lasting components, and upgrading to an all metal body. The handle is titanium and the case is aluminum to ensure your testers will last even longer.

We have also improved the inside with better electronic and mechanical components to give more accurate readings. The HT-3000 now comes standard with a longer lasting diamond impact body to reduce replacement frequency

Specifications

Testing Range: 200-900 HL
Scales: HL HV HB HRB HRC HS
UTS: Kgf/cm² Tons/in² Lbs/in²
Accuracy: +/- 4HL
Testing Direction: Any Direction
Materials: Carbon Steel, Alloy Steel, Stainless Steel, Bearing Steel, Gray Iron, Nodular Iron, Aluminum, Brass, Bronze, Copper

Dimensions: 6.5" (165mm)
x 1.1" (34mm)
x 1.1" (28mm)
Contact Diameter: 0.79" (20mm)
and 0.53" (13.5mm)
Weight: 6.0oz (170 g)

Operating Temperature: 14º F to 104º F
-10º C to +40º C
Storage Temperature: 4ºF to 122º F
-20º C to +50º C
Batteries:
One 3V Lithium CR2450
OR 3.7V Rechargeble LIR2450

Battery Life:
40 Hours Continuously
OR 2000 Test Readings
Memory:
300 Readings

HT-3000 Package Includes:

HT-3000 Hardness Tester
Standard Test Block
Micro Bluetooth Printer
Support Ring .79" (20 mm)
Support Ring .53" (13 mm)
Plastic Carrying Case
Tube Cleaning Brush
CR-2450 Lithium Battery
Operating Manual

G&R Technology Inc.