

TIME 510D

Portable Hardness Tester

LEEB REBOUND



TIME 510D

ABOUT

The TIME 510D provides in portable hardness inspection of almost any object, polished parts and heat-treated surfaces. The hardness measurements are made by using the dynamic rebound testing method according to Leeb.

Leeb hardness testing was invented in 1975 in Switzerland and has become one of the most popular portable testing methods currently available.

The TIME Leeb Hardness testers are supplied to the industry since 1991 and can be seen as the current global standard for Portable hardness testing.

TECHNICAL SPECIFICATIONS

Hardness parameter	HRC, HRB, HRA, HV, HB, HL, HS
Accuracy	0.5% ± 3HL
Max. Surface roughness of workpiece	≤1.6µm(Ra)
Impact device integrated	D integrated
Max. hardness value	940HV (Vickers)
Workpiece minimum weight	5kg - 2kg on solid support
Workpiece min. thickness coupled	5mm
Workpiece min. case hardened depth	0.8mm
Continuous working time	>8 hours
Power	3.7V
Operating temperature	0°C to 40°C
Overall dimensions	145mm × 35mm × 30mm
Weight	130gr

HIGHLIGHTS

- 1 Excellent portability for testing anywhere anytime.
- 2 Bright OLED display.
- 3 Real-time measurement data output to Bluetooth wireless printer or Android app
- 4 The instrument can be controlled through Android app.
- 5 Easy calibration function.
- 6 Rechargeable lithium battery, with charging indicator.



COMPACT & EASY TO USE...

The D impact device and data processing electronics are integrated into one compact and ergonomic handheld device. The TIME 510D has a Bluetooth function for communication with an optional wireless printer or Android mobile devices.

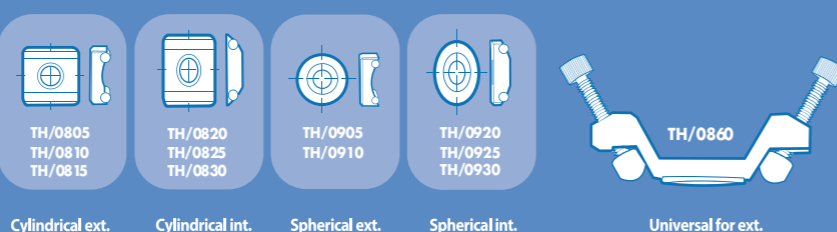
2 YEARS WARRANTY

Warranty does not apply to consumables such as batteries, impact body or improper use.



ANDROID APP

SUPPORT RINGS



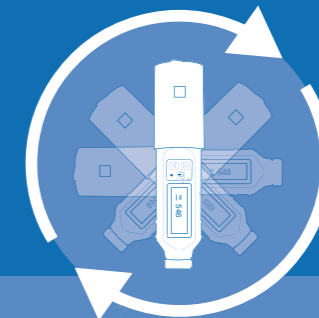
STANDARD DELIVERY

- Instrument with integrated impact device type D
- **HLD Hardness test block with a traceable ASTM/ISO calibration certificate**
- Charger
- Cleaning brush
- Support ring
- Lanyard
- INNOVATEST® certificate

OPTIONAL ACCESSORIES

- Additional Support rings
- Android mobile device app
- Bluetooth printer

PERFORM TESTS AT ANY ANGLE



ORDER DETAILS

TIME 510D

Dynamic hardness tester with integrated impact device D

Distributor :

CORPORATE HEAD OFFICE

INNOVATEST Europe BV

Manufacturing, Distribution & Service

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