



**ALAT Uji**  
Products, Solution, Services

# PORTABLE HARDNESS TESTER



## TH1101



TH110



TH140



TIME 5330



TIME5350



TH180



TH120

Our Office : Jl. Radin Inten II No. 62 Duren Sawit - Jakarta 13440  
Phone : (021) 8690 6777, (021) 8690 67-85  
Fax : (021) 8690 6770  
E-mail : [sales@alatuji.com](mailto:sales@alatuji.com)  
Website : [www.alatuji.com](http://www.alatuji.com)

## Portable Hardness Tester

### TH1101



#### Standard delivery

- Main unit
- Impact Device type D
- Test block HLD
- Charger
- Brush
- TIME certificate
- Instruction manual

#### Optional accessories

- Supporting rings

#### Product Introduction:

Based on the testing principle of Leeb hardness, TH1101 portable hardness tester can test the hardness of various metal materials fast and conveniently. It can be used to test the hardness of steel, cast steel, alloyed steel, stainless steel, gray cast iron, nodular cast iron, cast aluminum alloy, copper zinc alloy (brass), copper tin alloy (bronze), pure copper, forging steel and so on. The pure English display menu makes it easy to operate. It also has the advantage of long stand-by time due to the internally-stalled NiMH rechargeable battery. It is suitable for testing those workpieces that have large volume or hard to move. It is especially for the work site and field working.

#### Features:

- Materials, hardness scales, testing direction and measurement times can be selected.
- Conversion between three hardness scales HLG, HB and HRB
- Automatic identify impact direction
- Review, delete, clear current measured data and calculate average value
- 200 measured data can be stored
- Measured data is transferred to computer via USB interface
- Automatic monitor the battery, auto shut down

#### Technical Specifications:

Specifications	TH1101
• Impact device	G type
• Impact energy	90mJ
• Work mode	Used single or system mode (Can be connected to TH180, as a slave unit)
• Display	OLED screen, 320 240 dot matrix, brightness adjustable
• Measuring range	200~750HLG
• Error	±12HLG
• Repeatability	12HLG
• Measuring direction	360°
• Hardness scales	HLG, HB, HRB
• Memory	200 average value
• Interface	USB
• Data output	Transfer data to PC , Transfer data to TH180
• Operating voltage	3.3V
• Operating temperature	0~40°C
• Relative humidity	≤90%
• Transmission distance	10 m
• Dimensions	254mm , 50mm , 40mm
• Weight	310g