

## NDTT TIME TH180 HARDNESS TESTING SYSTEM



<b>SKU</b>	101909
<b>PART #</b>	TIME TH180
<b>MANUFACTURER</b>	NDTT
<b>PRICE</b>	\$5,495.00



SCAN WITH QR READER

### PRODUCT FEATURES:

The TH180 Hardness Measuring System is an advanced state of the art Metal Hardness Testing System with wireless impact device. Versatile portable hardness testing solution, combining dynamic Leeb Rebound Technology and a wireless signal, allowing remote impact device operation.

Part of the family of the world famous TIME TH series portable testing instruments, the TH180 is the top of the line of portable hardness testers. The unit allows the user to move freely around the work piece without being limited or hindered by cables. Data transferred wirelessly, will be calculated and filed in the large memory of the work station. In the TH-180, today's technology has been combined with over 25 years of know-how in the portable hardness testing field.

Wireless and wired capabilities offering an unmatched reliability and ease of operation. While the main unit can be put save on a solid position, the units database driven storage CPU system allows up to 10 wireless impact devices to be used simultaneously.

The main unit collects and calculates all the data and gives the user an overview of each impact devices average measuring result and the applicable test conditions.

Not only wireless probes can be connected! The main unit is also equipped with connector points for standard wired impact devices!

The built in fast, silent printer, prints testing results and statistics on demand. Alternatively the unit can be connected to a computer over a fast USB 2.0 connection for data transfer and analysis.

The main unit can be equipped with different kinds of slave unit, such as D unit, C unit, DL unit. Data from slave unit transferred to the main unit via wireless communication.

Time TH180 System complies to **DIN 50156** and **ASTM A956** Standards.

- Large LCD display with touch screen control and backlight for low light conditions
- Memory up to 2500 readings of main unit and 500 readings of slave unit
- The upper or lower limits of hardness values can be preset, it will sound alarm when exceeding the range

- With backlight display for convenient use in dark environment
- Integrated with thermal printer, print all test data of main unit and slave unit
- Seven impact device are available for special application ,no need calibration when impact device is replaced
- Automatic identification of impact device and test direction
- Work under both stand-alone working mode and system working mode

- Can be used as stand alone instrument (See details of TH1100)
- Automatic identification of impact device and test direction
- Matrix LCD screen display
- Applying wireless communication technology, transfer the data to the main unit
- Rechargeable Li-Ion battery
- Stores readings and displays average test value

Measuring range	170 ~ 960 HLD
Testing direction	360°
Hardness scale	HL□HRB□HRA□HB□HRC□HV□HS
Memory	Main unit: 2500 readings, Slave unit: 500 readings
Limit setting	170~960HLD
Printer paper	Width: 57.5 mm, Diameter: 40 mm
Printing speed	5.03 ~ 22.23 mm/s
Charging time	6 Hours (Main unit) ,2.5 Hours (Slave unit)
Power	12V/4 A (Main unit), 6V/400 mA( Slave unit)
Continuous working time	12 Hours (Main unit), 50 Hours (Slave unit)
Relative humidity	< 90%
Environment temperature	0° C to 40° C
Wireless transmission distance	Approx. 10 m (33 ft)
Dimensions	260mm × 170mm × 57 mm (Main unit) 145mm × 35mm × 30 mm (Slave unit)
Weight	1070g (Main unit), 120 g (Slave unit D)

- Main unit
- Slave unit
- D impact device
- Special support ring Z14.5-30 1
- Special support ring HZ12.5-17 1
- Special support ring K14.5-30 1
- Special support ring UN 1
- Nylon cleaning brush
- Hardness test block
- Power adapter for Main unit
- Power adapter/charger for Slave unit D
- User manual for main unit
- User manual for slave unit
- TIME Test Calibration Certificate
- TIME warranty registration card



NON•DESTRUCTIVE TESTING TECHNOLOGIES

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- Additional Impact devices: D, C, DC, D+15, DL, G
- Additional Support rings
  
- Covered by our 30 Day Exchange Policy and a 2 Year Manufacturer's warranty