



TIME TH5430 Digital Shore A Durometer Hardness Tester



The NEW TIME TH5430 Shore A hardness tester is the first new generation digital durometer developed by TIME and has the same look as the TIME TH5420 however with a brand-new inner design.

TIME TH5430 adopts new LVDT displacement sensor and OLED screen, with added USB interface and software.

This shore hardness tester is suitable for measuring soft rubber, plastic, printer rollers and other elastomers.

Features

- Adopts LVDT displacement sensor. Accurate and can work in harsh environments.
- Menu driven OLED screen clearly shows the hardness value.
- Automatic Zero Point calibration.
- Three work modes to meet varied testing requirements: real-time, peak-value-lock and timing-lock.
- In peak-value-lock mode, the instrument can automatically lock the peak hardness value.
- In timing-lock mode, set the timing from 1 to 60 seconds, and it automatically starts timing and locks the measured value.
- In lock modes, the upper and lower limits of the measured value can be preset, and a prompt is displayed when measurements are out of the limits - convenient for batch detection. It can also calculate the average value and automatically removing gross errors.
- Stores 200 average lock values.
- Optional software is offered to transfer the test data to PC via USB in Microsoft Word or Excel.

Technical Specifications

Product Features	Description
Model	TIME TH5430
Test scale available	Shore A
Standards	DIN53505, ASTM D2240, ISO 7619, JIS K7215
Display	Hardness result, Average value, Max value (Peak value lock), Battery indication
Data output	USB
Measuring range	0~100HA
Tolerance	±1HA
Display resolution	0.1HA
Power supply	Built in 3.7V rechargeable battery
Operating temperature	0~40°C
Continuous working time	20 hours
Dimensions (mm)	173x56x42
Weight (g)	175



Packing List

Main Unit

Test Block

Power Adapter

TIME Certificate

Warranty Card

Instruction Manual



Accessories

USB communication cable

Operation stand

Software

Video



YouTube Video - TIME5430 Shore A Hardness Tester

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