



Digital Shore Durometer TIME®5432

The TIME®5432 is a digital Shore AO durometer of the TIME®543X series for testing soft materials such as low-hardness rubber and sponges. It is recommended for Shore A values below 20 HA. The LVDT displacement sensor ensures accurate readings and can be used at up to 90 % relative humidity. The OLED display with menu operation clearly shows the readings. Three work modes (real-time, peak-value lock and timing lock) cover varied testing requirements, and up to 200 average values can be stored. The data can be transferred to a PC via USB with the optional software and exported as a Word or Excel file.

Features

- Digital Shore AO durometer for soft materials such as low-hardness rubber and sponges
- Recommended for Shore A values below 20 HA
- LVDT displacement sensor: accurate, usable at up to 90 % relative humidity
- OLED display with menu operation
- Automatic zero-point calibration
- Three work modes: real-time, peak-value lock and timing lock (1 to 60 s)
- Upper and lower limits can be preset, prompt when out of limit for batch testing
- Average calculation with automatic removal of gross errors
- Memory for 200 average values
- USB data output, optional software for export to Word or Excel
- Battery level indication with low-voltage warning, adjustable automatic power-off, more than 24 hours of continuous operation

Scope of delivery

- Main unit
- Test block
- Power adapter
- Instruction manual

Technical Data

Parameter	TIME®5432
Hardness scale	Shore AO
Measuring range	0–100 HAO
Tolerance	$\leq \pm 1$ HAO (20–90 HAO)
Resolution	0.1 HAO
Data output	USB
Memory	200 average values
Power supply	built-in rechargeable lithium battery
Continuous working time	24 hours
Operating temperature	0–40 °C
Dimensions	173 × 56 × 42 mm
Weight	200 g
Optional accessories	Communication cable, operation stand, Dataview software

Technical changes reserved.