

SHORE HARDNESS TESTER TH200/220



Features

- Digital durometer for Shore A hardness testing of soft rubber, plastic and such substances
- Pocket size model with integrated probe
- Standards: DIN 53505, ASTM D 2240, ISO 7619, JIS K7215
- RS232 data output
- Operating stand optional
- Bright & clear LCD display
- Automatically switch off
- Battery low indication and alarm
- Automatic calibration and user calibration for TH220

Technical Specification

	TH200	TH220
Test scale available	Shore A	
Standards	DIN 53505, ASTM D2240, ISO 7619, JIS K7215	
Display	Hardness result, Average value, Max value (Peak value lock), Battery indication	
Data output	RS232	
Measuring range	0~100 HA	
Tolerance	• ± HA	
Display resolution	0.2HA	0.1HA
Power supply	3• 1.5V (SR44) Button batteries	Built in 3.7V rechargeable battery
Operating temperature	0~40• •	
Working time	300 hours	
Dimensions	168• 81• 80mm	173• 56• 42 mm
Weight	144g	175g

Standard Delivery

- Main unit 1
- Button batteries 1.5V(only for TH200) 3
- Power adapter(only for TH220) 1
- TIME certificate 1
- Instruction manual 1
- Warranty card 1

Optional Accessory

- RS232 communication cable
- Operating stand TH200FJ(only for TH200)
- Operating stand TH210FJ(only for TH220)
- Software (only for TH220)
- Softdog (only for TH220)

- With the operation stand, users can get good measurement accuracy and repetitiveness, constant measurement force, eliminate the errors caused by artificially applied different force.
- The operation handle evenly applies the force to the sample; adjust the testing height to meet the measurement of different sample thickness.



H200FJ

H210FJ



Features

- Digital durometer for Shore D hardness testing of hard rubber, plastic and such substances
- Pocket size model with integrated probe
- Standards: DIN 53505, ASTM D 2240, ISO 7619, JIS K7215
- RS232 data output
- Operating stand optional
- Bright & clear LCD display
- 300 hours continuous use with standard batteries
- Automatically switch off
- Battery low indication and alarm

Technical Specification

Test scale available	Shore D
Standards	DIN53505, ASTM D2240, ISO 7619, JIS K7215
Display	Hardness result, Average value, Max. value (Peak value lock), Battery indication
Data output	RS232
Measuring range	0-100HD
Tolerance	≤ 0.1 HD (between 20~90HD)
Display resolution	0.2 HD
Operating temperature	0~40 °C
Power supply	3 × 1.55V (SR44) Button batteries or 4.5V AC/DC adapter
Working time	300 Hours
Dimensions	173 × 56 × 42mm
Weight	233g

• With the operation stand, users can get good measurement accuracy and repetitiveness, constant measurement force, eliminate the errors caused by artificially applied different force.

• The operation handle evenly applies the force to the sample; adjust the testing height to meet the measurement of different sample thickness.

Standard Delivery

- Main unit 1
- Button batteries 1.55V 3
- TIME certificate 1
- Instruction manual 1
- Warranty card 1

Optional Accessory

- RS232 connecting cable
- Operation stand TH 210FJ
- TH210 4.5V AC/DC power adapter



Operation stand TH210FJ