



**ALAT UJI**  
Products, Solution, Services

# SHORE HARDNESS TESTER



## TH210



TH200



TH220

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## Shore Hardness Tester TH210



### Standard delivery

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

### Optional accessories

- RS232 communication cable
- Operating stand TH210FJ
- TH210 4.5V AC/DC power adapter

### Product Introduction:

TH210 is a digital Shore D hardness tester. It has the advantage of precise measurement, being easy to operate, being convenient to carry, attractive appearance and so on. It is a digital durometer for hardness testing of hard rubber, plastics and such substances.

### Features:

- Digital durometer for Shore D hardness testing
- Pocketsize 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 Specifications:

Specifications	TH210
• Test scale available	Shore D
• Standards	DIN53505, ASTMD2240, ISO 7619,
• Display	JIS K7215 Hardness result, Average value, Max. value(Peak value lock), Battery indication
• Data output	RS232
• Measuring range	0-100HD
• Measurement deviation	Within 20~90 HD, error $\leq\pm 1$ HD
• Display resolution	0.2 unit
• Operating temperature	0~40 °C
• Power requirements	3×1.55V (SR44) Button batteries or
• Battery life	4.5V AC/DC adapter 300 Hours
• Dimensions	173mm× 56mm×42mm

### Industry application

#### a) Plastic industry:

TH210 can test the hardness of thermoplastic, nylon, hard resin, organic glass and so on.

#### b) Hard Rubber:

TH210 is suitable for testing hard rubbers.

#### c) Others:

TH210 can also test the hardness of antiseptic materials, fireproofing materials, paint and so on.

TH210 is always used as a teaching and scientific research instrument, it is a good instrument to analyze rubber, plastic material and do experiment research.

