



ALAT Uji

Products, Solution, Services



Series

Alatuji Industrial Brochure



THC - A - Series - 2015 - 001

N^o1 SOLUTION TESTING INSTRUMENT

Shore Hardness Tester



Shore Hardness Tester TH200



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

TH200 /TH220 is a digital Shore A 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 soft rubber, plastics and such substances.

Features:

- Digital durometer for Shore A hardness testing of soft rubber, plastic and such substances
- 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
- Automatically switch off
- Battery low indication and alarm
- Automatic calibration and user calibration for TH220

Technical Specifications:

• 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 level indication
• Data output	RS232 Interface
• Measuring range	0~100 HA
• Tolerance	1 HA
• Display resolution	0.2HA
• Power supply	3x1.5V (SR44) Button Batteries
• Operating temperature	0° C to 40° C
• Working time	300 hours (After Full Charge)
• Dimensions	173 x 56 x 42 mm
• Weight	144g

Industry application

a) Rubber industry:

TH220 can be used to test the hardness of sealing parts, tyres, rubber plates/bands, rubber bars, electric wire, absorbers and so on.

b) Plastic industry:

TH220 is always used to test the hardness of thin film, medical apparatus and so on.

c) Others:

TH220 is always used as a teaching and scientific research instrument, it is a good instrument to analyze rubber, plastic material and do experiment research.

Shore Hardness Tester TIME5410



Standard delivery

- Main unit
- Button batteries 1.5V
- Test block with HLD value
- TIME certificate
- Instruction manual
- Warranty card

Optional accessories

- RS232 communication cable
- Operating stand TH210FJ

Product Introduction

TIME5410 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:

- 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:

Test scale available	Shore D
Standards	DIN53505, ASTMD2240, ISO 7619, JIS K7215
Display	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 4.5V AC/DC adapter
Battery life	300 Hours
Dimensions	173mm× 56mm×42mm

Shore Hardness Tester

TIME5420



Standard delivery

- Main unit
- Button batteries 1.5V
- Test block with HLD value
- TIME certificate
- Instruction manual
- Warranty card

Optional accessories

- RS232 communication cable
- Operating stand TH210FJ

TIME5420 is a digital Shore A 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 soft rubber, plastics 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

Technical Specifications:

Test scale available	Shore A
Standards	DIN53505, ASTMD2240, ISO 7619, JIS K7215
Display	Hardness result, Average value, Max. valu(Peak value lock), Battery indication
Data output	RS232
Measuring range	0-100HA
Tolerance	±1HA
Display resolution	0.1 HA
Operating temperature	0~40° C
Power supply	Built in 3.7V rechargeable battery
Battery life	300 Hours
Dimensions	173mm× 56mm×42mm



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