



## Shore Digital Durometer KSH-200/210

### Description:

The Durometer is the international standard for the hardness measurement of rubber, plastic and other non-metallic materials. Durometers are described in the American Society for Testing and Material specification

ASTM D2240, which is the recognized specification for the instrument and test procedures.

### FEATURES:

1. Accuracy:  $\leq \pm 1$  HA/HD
2. Resolution: 0.1HA/HD
3. Calibration Certificate Included
4. Conforms to ASTM D-2240-05, GB/T-531.1-2008/ISO7619-1:2004
5. A large, easy-to-read LCD display with backlight
6. AC Adapter/Charger and Batteries Included
7. Charger with US/EUR/UK Plugs selectable
8. Measurable material: Natural rubber, Chloroprene (Diane) rubber, Polyester, PVC, Leather, Nitrile rubber, Paraffin, Vinyl, Cellulose acetate products, Polystyrene glass Etc.
9. This device is suitable for the A and D Shore hardness standards, and has broad applicability.
10. The number of significant hardness data hold function, the LCD monitor to ensure that the operator misreading.
11. Measurement results can be printed wirelessly.
12. Measurement mode: Averaging mode, Max Mode, Maximum average mode.
13. Control tolerances can be set to alarm beyond the control tolerances.
14. Available Grubbs criteria of measurement data to do error handling.
15. The work piece Number can be set.
16. Backlight lit time adjustable.
17. To save power, the key sound and alarm sound can be shut down.
18. Measurement data can be stored, browsing, batch printing.



### Specifications

Accuracy	$\leq \pm 1$ HA
Resolution	0.1 HA
Display	128*64 dot matrix LCD with LED Backlight
Memory	500 data
Battery Indicator	Battery icon flashes when battery is low
Power	3.6VDC 800mAH Ni-MH rechargeable batteries
Life time	Approximately 30 hours
Charger / Adaptor	Input:110~240VAC, output: 5V 1A
Print	Thermal Printer(Optional accessories) wireless printing
Operating temperature	-10 to 40°C
Operating humidity	20 to 80%
Storage temperature	-20 to +50°C
Storage humidity	5 to 95%
Dimensions	150X50.5X29mm
Weight:	170g