

## Technical Durometer PCE-DSD-A

### Durometer PCE-DSD-A

Digital durometer to measure Shore A hardness in rubbers and plastics / USB-Port and optional software / corresponds to DIN ISO 769, ISO 868, ASTM D 2240 / calibration certificate

Durometer PCE DSD-A is used for rapid and highly accurate detection of the surface hardness of rubber, plastic and other non-metallic surfaces. Especially useful in production and quality assurance, the durometer can be a very useful instrument, which is particularly used in the inbound and outbound control application. Due to the calibrated high accuracy it is possible to assure the best quality product is passed on to the manufacturer or end-user. This product helps save costs by preventing returns of manufactured parts.

The durometer uses a battery power to rapidly measure hardness of test samples. The handset can be held quite comfortably to measure the test pieces, so that the samples do not have to first be transported to a stationary machine or lab. If the durometer is used daily, it is recommended that, in addition to the hand-held instrument, to acquire a test stand, in which the device is clamped. Furthermore, optional software can be ordered, which is specifically tailored to the durometer of the PCE-DSD-A so measurement data can be transferred to a computer for further analysis.

- Calibrated to the latest standards and norms
- Hardness units from 0.5 to 100
- Fine measuring tip for very accurate results
- For Shore A measurements
- Test Software Optional
- Hold Function
- Easy to Read LCD with Backlight
- RS-232 interface

### Technical specifications

Hardness Scale	Shore A
Measuring Range	0.5 ... 100 Hardness Units
Accuracy	< ± 0.5 Hardness Units
Resolution	0.1 Hardness Units
Maximum Function	HOLD
Display	LCD
Digit Height	8 mm/0.3 in
Data Interface	RS-232
Weight	250g
Operating Temperature	+10 ... +40 ° C / +10 ... +104°F
Storage Temperature	+5 ... +50°C / +41 ... +122°F
Power Supply	3.6V 1/2 AA size LI-SOCI2
Operating Time(With Continuous Measurement)	Approx. 18 hours

External Power Supply	8.00000197 (230 V / Euro)
	8.00000163 (115V / US)
Automatic Shutdown	After approx. 1 minute
Standards	DIN ISO 7619
	ISO 7619
	ISO 868
	ASTM D 2240

Delivery contents:

- 1 x PCE-DSD-A Durometer
- 1 x Battery
- 1 x Power Cable for External Power Supply
- 1 x Carrying Case
- 1 x Calibration Certificate