DIGITAL DUROMETER

PCE-DD-D-ICA



- **For Shore D hardness testing**
- **Ideal for use with hard rubber, hard resin, acrylic, glass, thermoplastic, etc.**
- **Handheld, portable, digital measuring device**
- **Measurement range: 0 ... 100 Shore D**
- **Accuracy: ± 2 Hardness - Grade**
- **Large, easy-to-read display**
- **Hold functionality**
- **incl. ISO-Calibration Certificate**

A Shore D durometer or hardness tester used to measure the Shore hardness of materials such as hard rubber, hard resin, acrylic, glass, thermoplastic and more. This Shore D durometer uses an impact rod with a 30º conical point and 50 Newtons (N) of force to make a surface indentation on material samples with a minimum thickness of 6 mm or 0.24 in. (Note: If a material sample does not meet the minimum thickness required, the sample should be reinforced on the back with more of the same material.)

Specification

Hardness	
Measuring range	0 ... 100 Shore D
Resolution	0,5 Shore D
Accuracy	±2 Shore D

General technical data	
Measuring functions	HOLD
Penetrator	30°
Impact device	Type D
Measuring depth	0 ... 2.5 mm
Sample thickness	min. 6 mm / 0.24 in
Test force	50 N
Menu language	English (US), English (GB)
Protection class (device)	IP20
Power supply	batteries
Battery/battery	1 x 1,5 V LR44 , Alkali-Manganese
Battery capacity	140 mAh
Operating conditions	0 ... 50 °C , 0 ... 90 %RH
Storage conditions	0 ... 50 °C , 0 ... 90 %RH
Dimensions (L x W x H)	85 x 60 x 25 mm
Weight	300 g