MATERIAL HARDNESS TESTER SHORE D

PCE-DD-D



- **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**

PCE-DD-D is a Shore D durometer or material hardness tester used to measure the Shore hardness of materials such as hard rubber, hard resin, acrylic, glass, thermoplastic and more. This Shore D hardness tester 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
Indenter	30°
Impact device	D-type
Measuring depth	0 ... 2.5 mm
Sample thickness	min. 6 mm
Test force	50 N
Menu language	English, English (GB)
Protection class (device)	IP20
Power supply	batteries
(Rechargeable) battery	1 x 1,5 V LR44 , Alkali-manganese
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

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