



## DD-300 Digital Shore Durometer

The DD-300 precision digital durometer fully meets the requirements of : - **DIN 53505, ISO 868, ISO 7619 and ASTM D 2240**. The internal friction, that is common in most durometers, is reduced to an absolute minimum, ensuring great measurement accuracy and repeatability.

### Measuring modes:

- Continuous Mode
- Peak Mode
- Timer Mode

**Timer function** to take measurement after (0-15) seconds.

All DD-300 models are supplied in a foam lined case with AC power supply and Calibration Certificate.

### Specifications

<b>Measuring Range</b>	0.5 - 100 units
<b>Resolution</b>	0.1 durometer unit
<b>Display</b>	LCD digit 8 mm
<b>Weight</b>	250 grams (net)
<b>Warranty</b>	1 year
<b>Standards:</b>	DIN 53505 ISO 868 ISO 7619 ASTM D 2240

## REFERENCE GUIDE

DUROMETER TYPES	APPLICATIONS	INDENTOR SHAPE	MAIN SPRING
<b>TYPE A</b> (ASTM D2240)	Soft rubber, plastics, and elastomers, printer's rolls.	Flat Cone Point 35° Included Angle	822 GM 1.81 LB.
<b>TYPE D</b> (ASTM D2240)	Hard rubber and plastics such as thermo plastics, flooring and bowling balls.	Sharp Cone Point 30° Included Angle	4536 GM 10.0 LB.
<b>TYPE B</b> (ASTM D2240)	Harder elastomers and plastics. Paper and fibrous materials, Use above 93 Duro A.	Sharp Cone Point 30° Included Angle	822 GM 1.81 LB
<b>TYPE C</b> (ASTM D2240)	Medium hard elastomers and plastics. Also useful to avoid surface marks.	Flat Cone Point 35° Included Angle	4536 GM 10.0 LB
<b>TYPE DO</b> (ASTM D2240)	Dense granular material, textile windings.	3/32" Spherical	4536 GM 10.0 LB
<b>TYPE O</b> (ASTM D2240)	Very soft elastomers, textile windings, soft granular materials. Use below 20 Duro A.	3/32" Spherical	822 GM 1.81 LB
<b>TYPE OO</b> (ASTM D2240)	Light foams, sponge rubber gels, animal tissue.	3/32" Spherical	113 GM
<b>TYPE OOO</b> (ASTM D2240)	Ultra soft gels and sponge rubber.	1/2" Spherical	113 GM
<b>TYPE M</b> (ASTM D2240)	Materials as thin as .050"	Sharp Cone Point 30° Included Angle	
<b>TYPE RR</b> (NOT ASTM)	Drywall, fiberboard, artificial brick	1/2"	1410 GM
<b>TYPE CF</b> (NOT ASTM)	Foam padding	1/2"	20 lbs.