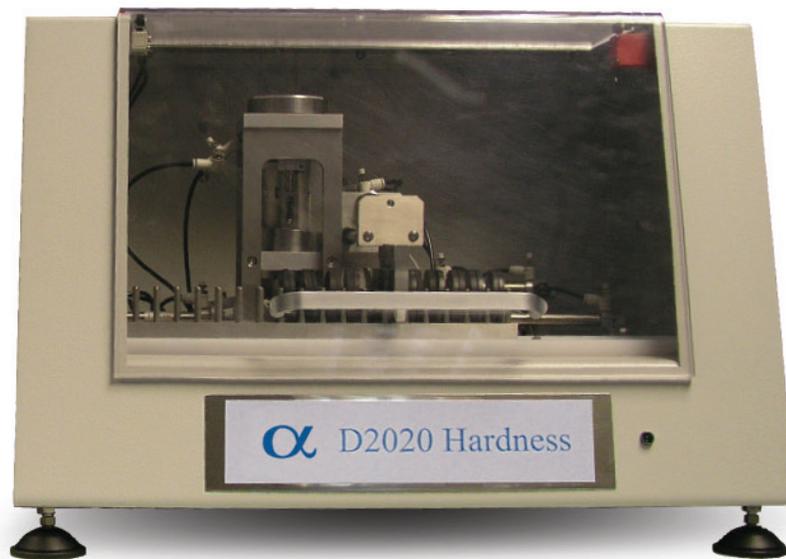


D2020 Hardness

Hardness Tester

◀ The D2020 Hardness Tester offers fully automated hardness testing



D2020 Hardness

Hardness Tester

alpha-technologies.com

Testing Features



- Fully automated with 20 sample queue
- Pre-loaded 1, 3 or 5-point hardness tests
- Eliminates operator influence
- IRHD or Shore A Testing configurations
- Enterprise Software

Performance



- IRHD: Each sample is placed under the foot and indented automatically. The foot and indenter are lowered, and the displacement of the indenter in relation to the foot is measured with a transducer.
- Shore A: The foot is lowered, and a truncated cone is pressed onto the sample with a known force applied by a spring. The subsequent displacement is measured with a transducer.

Options

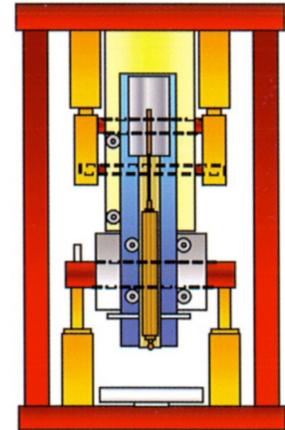


- IRHD Head Model
- Shore A Head Model

Specifications



Testing Standards:	ASTM 1415, BS 903, DIN 53519, ISO 48, NF T46-003 for IRHD ASTM D2240, BS 2782, BS 903, DIN 53505, ISO 7619, ISO 868, NF T46-052 for Shore A
Indenter: IRHD:	Spherical Ball-2.5 mm Diameter, Shore A: Truncated Cone-0.79 mm Diameter
Hardness Range:	IRHD: 30 to 100; Shore A: 10 to 90
Accuracy:	<0.5
Test Time:	1 to 99 sec
Automation Samples:	20
Sample Diameter:	35 to 45 mm
Sample Thickness:	4 to 10 mm
Weight:	75 lb (34 kg)
Dimensions:	23" (584mm) W x 20" (508mm) D x 20" (508mm) H



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