



TEST DEVICE	U1 (UCI)	D1 (DYNAMIC)
Length	160mm	140mm
Diameter	25mm	25mm
Indentation Depth	30µm	300µm
Pressure Force	14.7N	11Nm
Transducer Test Life (approx)	200,000	50,000
Min. Thickness for test	1mm	12mm
Min. Radius for Test	5mm	10mm
Max Roughness of surface	Ra 2.5µm	Ra 3.2µm
Max Archive	100 Tests	100 Tests
Time of Test	4 sec	2 sec

SCALES	MEASUREMENT RANGE
Rockwell C	20-67 HRC
Rockwell B	59-99 HRB
Brinell	75-650 HB
Vickers	75-1000 HV
Leeb	200-900HL
HRA	20-88 HRA
HRN	20-91 HRN
HRT	12-82 HRT
HSD	23-102 HSD

The PHASE II ultrasonic hardness testers are capable of measuring the surface hardness of a broad variety of metals on flat, round, thin or large surfaces. Accurate measurements of steel, cast steel, alloy steel, gray cast iron, cast iron, cast aluminum alloy, brass, bronze and copper are easily attained with this compact instrument.

MET-U1 A Ultrasonic Hardness Tester **\$4,495**

**MET-UDA Combination Ultrasonic/
Dynamic Hardness Tester** **\$6,595**

MET-1000 Precision Test Stand **\$399**