



BLOVEY HARDNESS TESTER (TOUCH SCREEN)

Hardness Test

This hardness tester is a high-tech product that integrates mechanical, electrical, and optical testing. It can be tested using three testing methods: Brinell, Rockwell, and Vickers.

FEATURES:-

- * High quality and strong scratch resistance.
- * Ready to use upon startup, without the need to install weights.
- * New display screen LCD.
- * Adopts a closed-loop loading control system to improve the accuracy of the test force.
- * The hardness values of each scale can be converted through measurement.
- * The body is equipped with a micrometer and a high-definition micro optical system to make the observation readings clearer and reduce errors.
- * Equipped with a built-in micro printer and optional RS232 data cable, it can be connected to the computer through a super terminal to export measurement reports.



Technical Specifications :

Model Number	TT 6004 X / 007
Display Method	LCD Display
Distance from indenter to machine wall	160 mm
Interface	RS232
Max. Height of Specimen	165 mm
Power	AC 220V ±5%, 50 / 60 Hz
Product Dimension	550 x 230 x 780 mm
Weight	80 kg

Rockwell Scales	
Initial Testing Force	10 kg (98.07 N)
Total Test Force	60, 100, 150 kgf (588, 980, 1471N)
Indenter	Diamond Rockwell Indenter, Φ 1.5875 mm Ball Indenter
Scales	HRA, HRB, HRC, HRD, HRE, HRF, HRG, HRH, HRK, HR, HRM, HRP, HRR, HRS, HRV
Measurement Range	20-88 HRA, 20-70 HRC, 20-100 HRC
Max. Height of the Specimen	180 mm
Brinell Scales	
Testing Force	5, 6.25, 10, 15.625, 30, 31.25, 62.5, 100, 125, 187.5, 250 kgf
Indenter	Φ 2.5 mm, Φ 5 mm Ball Indenter
Scales	HBW1/5, HBW2.5/6.25, HBW1/10, HBW2.5/15.625, HBW1/30, HBW5/31.25, HBW2.5/62.5, HBW5/62.5, HBW10/100, HBW5/125, HBW2.5/187.5, HBW5/250
Measurement Range	8-650HBW
Max. Height of the Specimen	165 mm
Magnification	(15X - Eyepiece) (2.5X, 5X - Objective)
Vickers Scales	
Testing Force	5, 10, 20, 30, 40, 50, 60, 80, 100, 120 kgf
Indenter	Diamond Vickers Indenter
Scales	HV5, HV10, HV20, HV30, HV40, HV50, HV60, HV80, HV100, HV120
Measurement Range	5-3000 HV
Max. Height of the Specimen	165 mm
Magnification	(15X - Eyepiece) (10X - Objective)

Unit Consists Of :

Model Number	Parts Description	Qty			
TT 6004 X / 007 – P 001	Diamond Vickers Indenter	1no	TT 6004 X / 007 – P 007	External Lighting	1no
TT 6004 X / 007 – P 002	Diamond Rockwell Indenter	1no	TT 6004 X / 007 – P 008	Slide Sample Table	1no
TT 6004 X / 007 – P 003	Standard Hardness Block (HRA, HRB, HRC, HB, HV)	1set	TT 6004 X / 007 – P 009	Microscopium	1no
TT 6004 X / 007 – P 004	Ball Indenter (Φ 1.5875 mm, Φ 2.5 mm, Φ 5 mm)	1set	TT 6004 X / 007 – P 010	Horizontal Adjustment Screw	4nos
TT 6004 X / 007 – P 005	Allen Key 2.5 mm	1no	TT 6004 X / 007 – P 011	Digital Micrometer Eyepiece	1no
TT 6004 X / 007 – P 006	V-Shaped Sample Stage	1set	TT 6004 X / 007 – P 012	Level Gauge	1no
			TT 6004 X / 007 – P 013	2.5X, 5X, 10X Objective	1set
			TT 6004 X / 007 – P 014	Fuse 2A	2nos

* 1 copy of instruction manual