

TH725 Digital Universal Hardness Tester



Main Feature

- ⇒ Digital versatile hardness tester for Brinell, Rockwell, Vickers testing
- ⇒ 7 level of test forces
- ⇒ Conversion scales of different kinds of hardness
- ⇒ Selection of dwell time and setting of time and date
- ⇒ With RS232 interface for connecting to the computer
- ⇒ Conform to GB/T4340, ISO6507, JIS B7725, ASTM E92 standards

Specifications

Model	TH725
Rockwell Test Force	60kgf (588.4N), 100kgf (980.7N), 150kgf (1471N)
Brinell Test Force	30kgf (294.2N), 31.25kgf (306.5N), 62.5kgf (612.9N), 100kgf (980.7N), 187.5kgf (1839N)
Vickers Test Force	30kgf (294.2N), 100kgf (980.7N)
Indenter	Diamond Rockwell Indenter, Diamond Vickers Indenter, φ1.588mm, φ2.5mm, φ5mm Ball Indenter
Hardness Reading	LCD Screen Display

We reserve the right to make changes without notice



Test Scale	HRA, HRBW, HRC, HRD, HBW1/30, HBW2.5/31.25, HBW2.5/62.5, HBW2.5/187.5, HBW5/62.5, HBW10/100, HV30, HV100
Conversion Scale	HV, HK, HRA, HRBW, HRC, HRD, HREW, HRFW, HRGW, HRKW, HR15N, HR30N, HR45N, HR15TW, HR30TW, HR45TW, HS, HBW
Magnification	Brinell: 37.5×, Vickers: 75×
Min. Measuring Unit	Brinell: 0.5μm, Vickers: 0.25μm
Hardness Resolution	Rockwell: 0.1HR, Brinell: 0.1HBW, Vickers: 0.1HV
Dwell Time	0~60s
Data Output	Built-in Printer, RS232 Interface
Max. Height of Specimen	Rockwell: 185mm, Brinell: 100mm, Vickers: 115mm
Throat	165mm
Power Supply	AC220V, 50Hz
Execute Standard	ISO 6508, ASTM E18, JIS Z2245, GB/T 230.2 ISO 6506, ASTM E10, JIS Z2243, GB/T 231.2 ISO 6507, ASTM E92, JIS Z2244, GB/T 4340.2
Dimension	520×240×740mm, Packing Dimension: 650×370×980mm
Weight	Net Weight: 80kg, Gross Weight: 105kg

Standard Delivery

Item	Qty	Item	Qty
Instrument Main Body	1 set	Diamond Rockwell Indenter	1 pc
Diamond Vickers Indenter	1 pc	φ1.588mm, φ2.5mm, φ5mmBall Indenter	each 1 pc
Slipped Test Table	1 pc	Middle Plane Test Table	1 pc
Large Plane Test Table	1 pc	V-shaped Test Table	1 pc
15× Digital Measuring Eyepiece	1 pc	2.5×, 5× Objective	each 1 pc
Microscope System (include the inside light and outside light)	1 set	Hardness Block 150~250 HB W 2.5/187.5	1 pc
Hardness Block 60~70 HRC	1 pc	Hardness Block 20~30 HRC	1 pc
Hardness Block 80~100 HRBW	1 pc	Hardness Block 700~800 HV30	1 pc
Weights 0, 1, 2, 3, 4	5 pcs	Power Cable	1 pc
Fuse 2A	2 pcs	Horizontal Regulating Screw	4 pcs
Level	1 pc	Spanner	1 pc
Screw Driver	1 pc	Anti-dust Cover	1 pc
Usage Instruction Manual	1 copy		