

TH715/TH716 LCD touch screen Digital Micro Vickers Hardness Tester



Main Future

- ⇒ Large color touch screen & built-in printer
- ⇒ Suitable for ferrous metal, non-ferrous metal, IC thin sections, coatings, ply-metal, glass, ceramics.
- ⇒ Shows measuring method, test force, diagonal length of indentation, hardness values, dwell time, measurement times at the same time equipped with a digital microscope.
- ⇒ Automatic loading and unloading technique
- ⇒ 20X lens and 40X lens equipped
- ⇒ Conform to GB/T4340, ISO6507, JIS B7725, ASTM E92 standards

Specifications

Model		TH715	TH716
Test Force	gf	10gf, 25gf, 50gf, 100gf, 200gf, 300gf, 500gf, 1000gf	Extend to 2000gf
	N	0.098N, 0.246N, 0.49N, 0.98N, 1.96N,	Extend to 19.6N



		2.94N, 4.90N, 9.80N	
Test Range	1HV~2967HV		
Test Mode	HV/HK		
Loading Method	Automatic (Loading/Dwell/Unloading)		
Shifting between Objective and Indenter	Automatic Shifting		
Conversion Scale	HK, HRA, HRB, HRC, HRD, HRE, HRF, HRG, HRK, HR15N, HR30N, HR45N, HR15T, HR30T, HR45T, HS, HB		
Data Output	Built-in Printer, RS232 Interface		
Hardness Reading	LCD Display, Data can be saved		
Objective	10 [×] (Observe), 40 [×] (Measure)		
Eyepiece	10 [×]		
Total Magnification	100 [×] , 400 [×]		
Resolution	0.0625μm		
Dwell Time	0~60s		
Light Source	Halogen Lamp		
X-Y Test Table	Size: 100×100mm; Travel: 25×25mm; Resolution: 0.01mm		
Max. Height of Specimen	90mm		
Throat	100mm		
Power Supply	AC220V, 50Hz		
Execute Standard	ISO 6507, ASTM E384, JIS Z2244, GB/T 4340.2		
Dimension	480×325×545mm, Packing Dimension: 600×360×800mm		
Weight	Net Weight: 31kg, Gross Weight: 44kg		

**Standard Delivery**

Name	Qty	Name	Qty
TH715 or TH716	1 set	10×Digital Measuring Eyepiece	1 pc
Diamond Micro Vickers Indenter	1 pc	10×、40× Objective	each 1 pc
Weights	6 pcs	Weight Axis	1 pc
Cross Test Table	1 pc	Flat Clamping Test Table	1 pc
Thin Specimen Test Table	1 pc	Filament Clamping Test Table	1 pc
Horizontal Regulating Screw	4 pcs	Level	1 pc
Fuse 1A	2 pcs	Halogen Lamp 12V、15~20W	1 pc
Power Cable	1 pc	Screw Driver	2 pcs
Hardness Block 400~500 HV0.2	1 pc	Hardness Block 700~800 HV1	1 pc
Anti-dust Cover	1 pc	Usage Instruction Manual	1 copy