

Micro Hardness Hester TH715

(Auto-turret, Built-in printer, Large LCD display)

Instrument Image:



Instrument Features:

- TH715 is precision micro Vickers hardness testing machines integrated the technology of optics, mechanics and computer.
- TH715 equipped with a large LCD screen, the operation is more directly and clearly. It can display the measuring methods, testing force, indentation length, hardness value, dwell time of the testing force as well as the number of measurement. Besides, it can save and revise the date, record the measuring results, compute the data, outputting the information with the printer, hardness conversion among 17 hardness scales, and linking to pc in RS232 interface and cable.



Technical Specifications

Testing Forces	(0.098, 0.246, 0.49, 0.98, 1.96, 2.94, 4.90, 9.80) N (10, 25, 50, 100, 200, 300, 500, 1000) gf
Turret	Automatic (loading / dwell / unloading)
Magnification of the Microscope	100×, 400 ×
Dwell Time of the Test Force	(5-60)s
Min. Graduation Value of the Testing Drum Wheel	0.0625um
Testing range	1HV—2967HV
Dimension of the XY anvil	100 × 100 mm
Travel of the XY anvil	25 × 25mm
Max. height of the specimen	100 mm
Instrument throat	95mm
Light source	Halogen light source
Accuracy	Standard conforms to EN-ISO 6507
Power Supply	110V/220V,60/50Hz
Dimension & Net Weight	425 × 245 × 490 mm & 30Kg
Plywood Packing dimension	530x450x750mm

Standard delivery:

Number	Description	Quantity
1	main unit	1
2	Weights	6
3	X-Y anvil with 25mm travel micrometer	1
4	Thin specimen fixture anvil	1
5	Fork-shaped fixture anvil	1
6	Fine wire fixture anvil	1
7	Screw drivers	2
8	Horizontal regulation screws	4
9	Weight level	1
10	Power cord	1
11	10 [×] numerical microscope	1
12	Vickers hardness blocks (high and medium value each)	2
13	Vickers indenter	1
14	Repair fuses (1A)	2
15	Company certificate	1
16	Warranty card	1
17	Halogen light source	

Optional accessories:

Knoop indenter
 LCD measuring device
 (including CCD adapter, Camera and Monitor)
 Micro hardness testing software
 Auto-turret
 (should be confirmed before the order)
 Other test blocks



Accessories images:			
Weights		Fine wire fixture anvil	
Weight shaft		Screw drivers	
X-Y anvil with 25mm travel micrometer		Horizontal regulation screws	
Thin specimen fixture anvil		Level	
Fork-shaped fixture anvil		Power cord	



Micro Vickers hardness blocks		Knoop test block	
Repair fuses (1A)		object lens	
RS232 cable		Vickers Indenter	
Knoop Indenter		LCD measuring device (without main unit)	
Auto-turret		Built-in printer	