



### Features

TH710/TH711 Micro Vickers hardness tester adopts unique precision design of optics, mechanic and electrics features, make the indentation image clearer, and get more precise measurements. It can directly show the test mode, test force, dwell time, test numbers, conversion scale on the screen, only need to input the diagonal of the indentation when operation, it can automatically get the hardness value and show on the screen. It can use optional Knoop indenter to measure Knoop hardness. And it can be equipped with CCD image automatic measuring system.

# TH710/711

MICRO VICKERS  
HARDNESS TESTER

### Standard Delivery

- Main unit 1 pc
- Diamond Micro Vickers Indenter 1 pc
- 10× Reading Microscope 1 pc
- 10×, 40× Objective 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 pc

### Technical Specification

Model	TH710	TH711
Test Force	0.098n (10gf), 0.246n (25gf), 0.49n (50gf), 0.98n (100gf), 1.96n (200gf), 2.94n (300gf), 4.90n (500gf), 9.80n (1000gf)	
Test Range	1HV~2967HV	
Test Mode	HV/HK	
Loading Method	Automatic (Loading/Dwell/Unloading)	
Conversion Scale	HK, HRA, HRBW, HRC, HRD, HRGW, HRWK, HR15n, HR30n, HR45n, HR15TW, HR30TW, HR45TW, HBW	
Shifting between Objective and Indenter	Manual	Automatic
Total Magnification	100×, 400×	
Min. Measuring Unit	0.25μm	
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, j IS Z2244, GB/T 4340.2	
Dimension	480×325×545mm Packing Dimension: 600×360×800mm	
Weight (kg)	net Weight: 31      Gross Weight: 44	