



HT-1000/HT-1000A Micro vickers Hardness Tester has a more faster testing speed than other ordinary micro vickers hardness tester. The Hardness value is displayed directly by entering the indentation diagonal length and avoids the complication of the look up table. The models are famous for its fashion and decent design, high testing precision, stable functions and simple operation. Machine can be connected to the computer.

## Features

- User friendly easy operation with good repeatability.
- 62x44mm digital LCD Screen with direct display of Hardness Value.
- Protected by state patent for precise lift and down of working state.
- The machine can be upgraded into computerized by using built in camera port and TRUEMET VIDAS Software.

Model	HT-1000	HT-1000A
Turret Movement	Manual	Automatic
Measuring Eyepiece	10X Manual Eyepiece	
Min. Measuring Unit	0.25µm	
Testing Force	10gf (0.098N) 25gf (0.245N) 50gf (0.49N) 100gf (0.098N) 200gf (1.96N) 300gf (2.94N) 500gf(4.9N) 1000gf (0.98N)	
Hardness Scale	HV0.01, HV0.025, HV0.05, HV0.1, HV0.2, HV0.3, HV0.5, HV1,	
Hardness Conversion Scale	HRA, HRB, HRC, HRD, HK, HBW, HR15N, HR30N, HR45N, HR15T, HR30T, HR45T	
Hardness Range	1 HV-4000 HV	
Hardness Value of Reading	Digital LCD Screen (62X44mm)	
Magnification	100X(For observation), 400 X (For Measurement), can be extended upto 500X	
Dwell Time	5~60 sec	
Loading Control	Automatically (Load, Dwell, Unload)	
X-Y Testing Table	Size: 100X100, Max. Travel Range:25X25mm, Resolution0.01mm	
Max height of specimen	85mm	
Max depth of specimens	110mm	
Light Source	Halogen Bulb	
Carried Standard	IS 1501:2013 &, ASTM-E384 & E92	
Overall Dimension	530X200X530 mm ( L X W X H )	
Net weight(Approx.)	35Kg	
Power Supply	AC220V±5% 50-60Hz	
Standard Accessories	10x micrometer eyepiece; 10X and 40X objective lens; Vickers indenter; X-Y Testing Table; Flat fixture; Thin specimen fixture; small parts fixture; Hardness Test Block(HV1, HV0.2) Screw Driver Level Bubble Allen Keys Leveling Screw Power Cable; Manual Book; Dust-proof cover; Accessory Case	1 No. 1 No. each 1 No. 2 No. 1 Set. 4 Nos. 1 No. 1 No. 1 No. 1 No. 1 No. 1 No.
Optional Accessories	TRUEMET VIDAS Vickers Impression Diagonal Analysis Software; Knoop Indentor; Knoop Hardness Block;Digital XY Table; Data Transfer Software, 2 kgf testing force	

<sup>\*</sup> Shri Engineering reserves the rights to changes the above specification due to constant improvements in design

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