

## KASON HTMV-1000TH Touch Screen Micro Vickers Hardness Tester



**19 YEARS**

Development Base of Advanced Testing Machine Of China

## Features

HTMV-1000TH Digital Micro Vickers hardness tester adopts unique precision design of optics, mechanic and electric features, make the indentation image clearer, and get more precise measurements. With digital measuring eyepiece no need for checking the table or inputting the diagonal of the indentation, it can directly show the test mode, test force, indentation length, dwell time, test numbers and conversion scale. As long as press the eyepiece button after measuring the indentation length, it can automatically get the hardness value and show on the screen. Test results can be printed out by the built-in printer, and with RS232 interface for connecting to the computer. It can use optional Knoop indenter to measure Knoop hardness. And it can be equipped with LCD video measuring device and CCD image automatic measuring system.

## Application Range

Suitable for cast iron, steel products, nonferrous metals and soft alloys etc. Also suitable for some nonmetal materials such as rigid plastics and bakelite etc.

## Standard Delivery

item	quantity	item	quantity
Main unit	1	Weights	6
Diamond Micro Vickers Indenter	1	Weight Axis	1
10× Reading Microscope	1	10×, 40× Objective	1
Hardness Block 400~500 HV0.2	1	Fuse 2A	2
Hardness Block 700~800 HV1	1	Power Cable	1
Horizontal Regulating Screw	4	Screw Driver	2
Cross Test Table	1	Level	1
Flat Clamping Test Table	1	Anti-dust Cover	1
Thin Specimen Test Table	1	Halogen Lamp	
Filament Clamping Test Table	1	12V, 15~20W	1
Usage Instruction Manual	1		

## Technical Specification

Model	KASON HTMV-1000TH
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, HRKW, HR15n, HR30n, HR45n, HR15TW, HR30TW, HR45TW, HBW

Shifting between Objective and Indenter	Maunual
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	110mm
Throat	110mm
Power Supply	AC220V, 50Hz
Execute Standard	ISO 6507, ASTM E384, jIS Z2244, GB/T 4340.2
Dimension	Packing Dimension: 595x415x810mm
Weight (kg)	Gross Weight: 48kg

## 19 YEARS

Professional focused on testing equipment

KASON is established in 2003,owns more than 8000 square meters factory.has a professional sales teams, modern enter prise technology center,scientific and technological research and development team.

Machines passed the European CE authentication,American FDA certificate and and ISO 9001.

Products sold to USA, Canada, Australia, Europe, Africa etc,more than 130 countries and supply OEM service for many customers

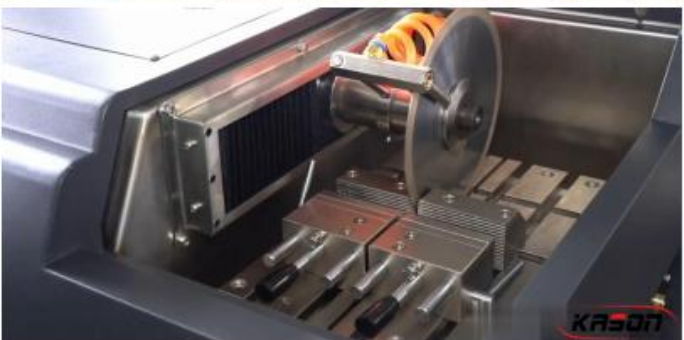
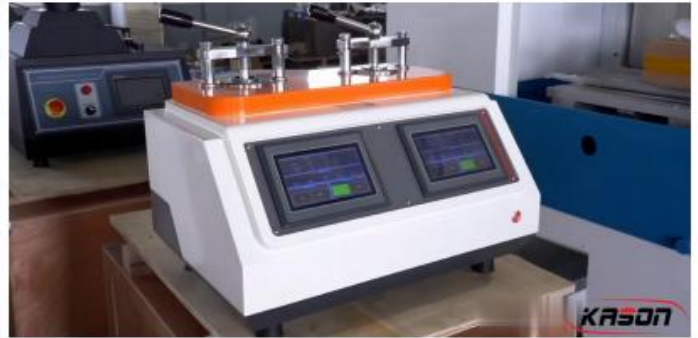
## PROFESSIONAL TEAM

KASON has a professional sales teams, modern enter prise technology center,scientific and technological research and development team.





## METALLURGICAL PRODUCT SHOW



*KASON reserves the right to modify the technical and stetics characteristics included in this document, without previous notice*

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