

# KASON HTBRV-250TE Touch Screen Display Universal Hardness Tester



Large, medium, V-test table



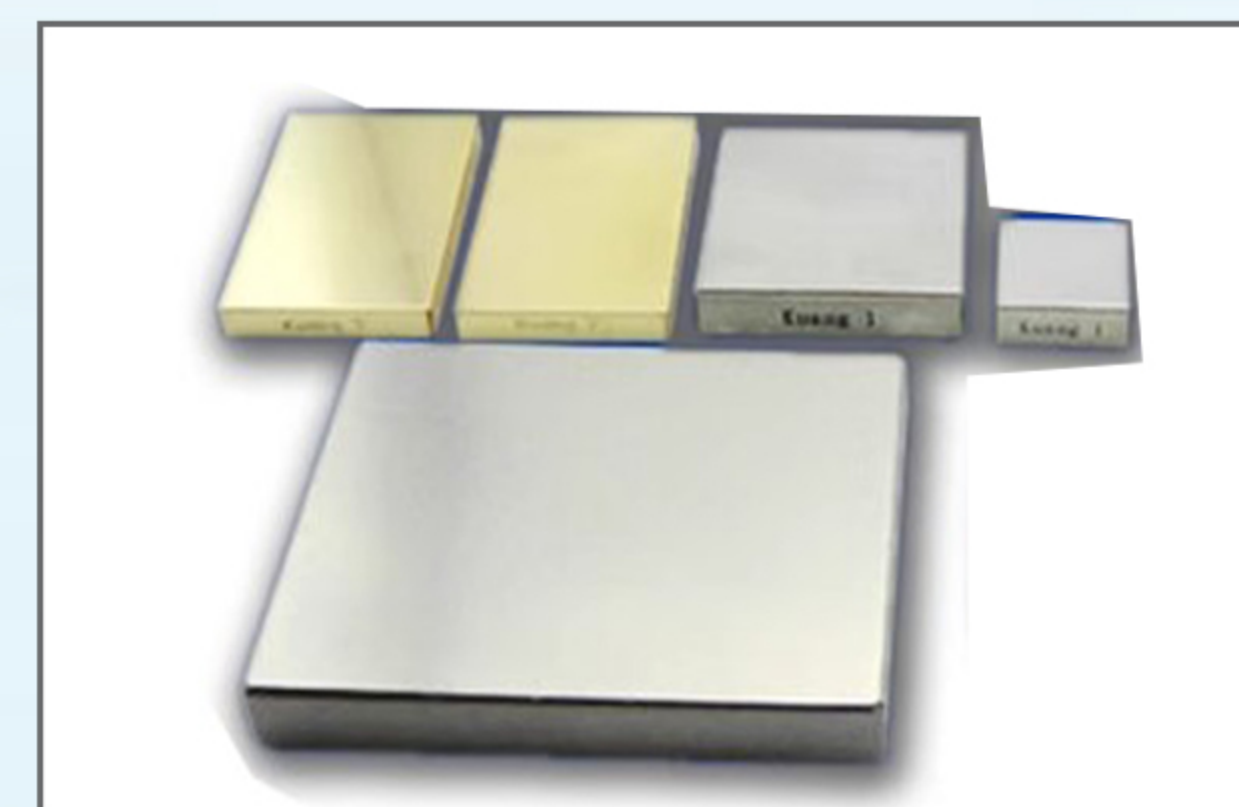
Objective (2.5X, 5X)



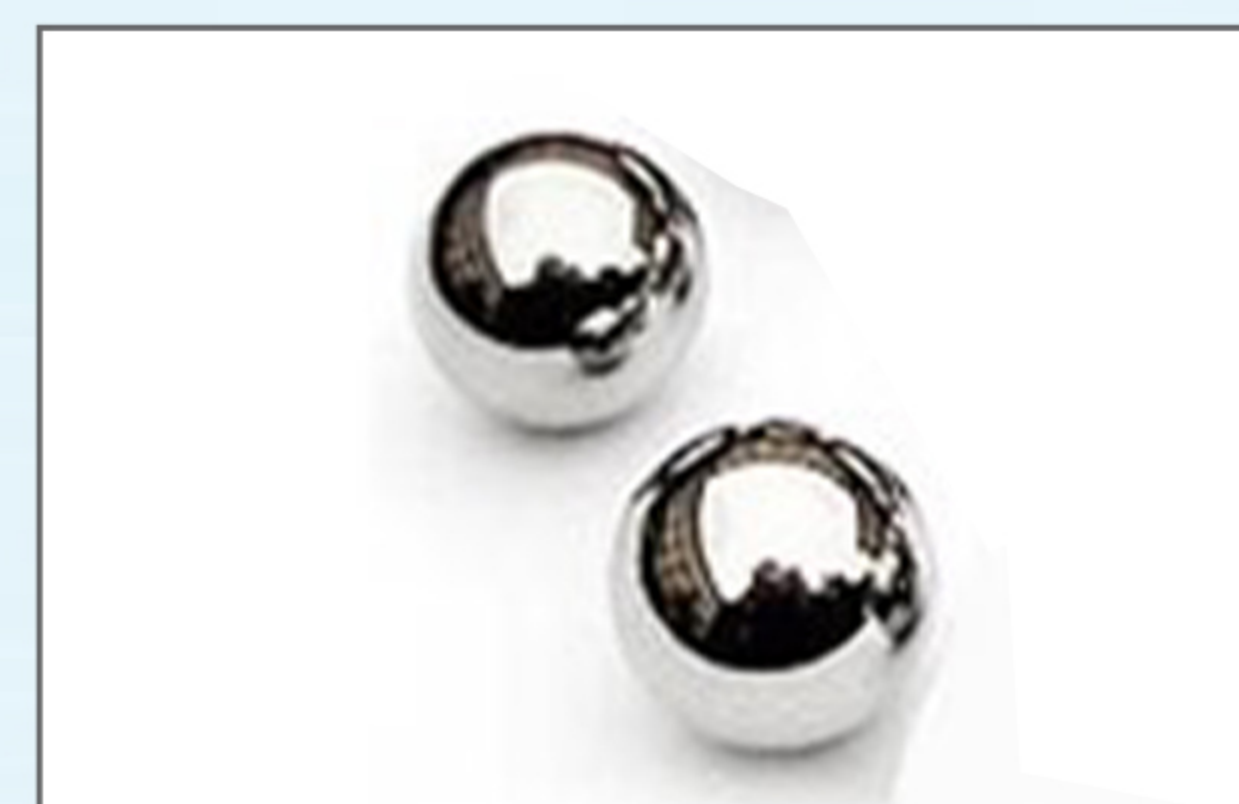
Eyepiece (15X)



diamond indenter



Hardness block



Objective (2.5X, 5X)

## TECHNICAL PARAMETERS:

Model	KASON HTBRV-250TE
Rockwell Test Force	60kgf (558.4N), 100kgf (980.7N), 150kgf (1471N)
Superficial Test Force	15kgf(147.11N),30kgf(294.2N),45kgf(441.3kgf)
Brinell Test Force	2.5kgf(24.5N),5kgf(49N),6.25kgf(61.25N),10kgf(98N),15.625kgf(153.125N), 30kgf(294N), 31.25kgf(306.25N),62.5kgf(612.5N)100kgf(980N),125kgf(1225N), 187.5kgf(1837.5N), 250kgf(2450N)
Vickers Test Force	3kgf(29.4N)5kgf(49N),10kgf(98N),20kgf(196N),30kgf(294N),50kgf(490N), 100kgf(980N), 200kgf(1960N),250kgf(2450N)
Indenter	Diamond Rockwell Indenter, Diamond Vickers Indenter, $\phi$ 1.588mm, $\phi$ 2.5mm, $\phi$ 5mm Ball Indenter
Loading Method	Automatic (Loading/Dwell/Unloading)
Hardness Reading	Touch Screen Display
Test Scale	HRA, HRB, HRC, HRD, HBW1/30, HBW2.5/31.25, HBW2.5/62.5, HBW2.5/187.5, HBW5/62.5, HBW10/100, HV30, HV100
Conversion Scale	HV, HK, HRA, HRB, HRC, HRD, HRE, HRF, HRG, HRK, HR15N, HR30N, HR45N, HR15T, HR30T, HR45T, HS, HBW
Lenze magnification	Eyepiece:15X, Objective:2.5X(Brinell),5X(vickers),optional 10X,20X
Magnification	Brinell: 37.5X, Vickers: 75X
Resolution	Rockwell: 0.1HR, Brinell: 0.1HB, Vickers: 0.1HV
Dwell Time	0~60s
Data Output	Built-in Printer
Max. Height of Specimen	Rockwell: 230mm, Brinell &Vickers: 160mm
Throat	170mm
Power Supply	AC220V,50Hz ISO 6508,ASTM E-18,JIS Z2245,GB/T 230.2
Dimension	475*200*700mm,Packing Dimension: 620*420*890mm
Weight	Net Weight: 64kg,Gross Weight: 92kg
Package size	620*420*890mm
Gross weight	92kg

## STANDARD CONFIGURATION:

Item	Qty	Item	Qty
Main host	1	Microscope System (include the inside light and outside light)	1
Rockwell,Vickers diamond indenter	2	Power cable	1
Eyepiece (15X)	1	Fuse 2A	2
Objective (2.5X, 5X)	2	Regulating screw	4
Sliding test table	1	Dust bag	1
Large, medium, V-test table	3	Manual	1
Ball indenter( $\phi$ 1.588、2.5、5mm)	3	Quality certificate	1
Hardness block	5	Packing list	1
Weights 0, 1, 2, 3, 4	5		