

## KASON HTBRV-TEW Computerised Rockwell Brinell Vickers Universal Hardness Tester



Large, medium, V-test table



Objective (2.5X, 5X)



Eyepiece (15X)



diamond indenter



Hardness block



Ball indenter  
(φ1.588、2.5、5mm)

### TECHNICAL PARAMETERS:

Model	KASON HTBRV-187.5TEW	KASON HTBRV-250TEW
Initial Test Force	Rockwell: 10kgf(98.07N) , Superficial Rockwell: 3kgf(29.4N)	
Total Test Force	Rockwell: 588.4, 980.7, 1471N (60, 100, 150Kgf)	
	Brinell: 49, 98, 153.2, 306.5, 612.9, 1226, 1839, 2452N (5, 10, 15.625, 30, 31.25, 62.5, 125, 187.5Kgf)	Brinell: 49, 98, 153.2, 306.5, 612.9, 1226, 1839, 2452N (5, 10, 15.625, 30, 31.25, 62.5, 125, 187.5, 250Kgf)
	Vickers: 49.03, 98.07, 196.1, 294.2, 490.3, 980.7N (5, 10, 20, 30, 50, 100, 120Kgf)	
Hardness resolution	0.1HBW	
Hardness Scale	Rockwell: HRA, HRB, HRC, HRD, HRE, HRF, HRG, HRH, HRK, HRL, HRM, HRP, HRR, HRS, HRV	
	Brinell: HBW1/5, HBW2.5/62.5, HBW1/10, HBW2.5/15.625, HBW1/30, HBW2.5/31.25, HBW2.5/62.5, HBW10/100, HBW5/125, HBW2.5/187.5(select 10 scales) Vickers: HV3, HV5, HV10, HV20, HV30, HV40, HV50, HV60, HV80, HV100, HV120(select 10 scales)	
Hardness Conversion Scale	HRA, HRB, HRC, HRD, HRF, HV, HK, HBW, HR15N, HR30N, HR45N, HR15T, HR30T, HR45T	
Hardness Range	Rockwell: 20-88HRA, 20-100HRB, 20-70HRC;Brinell: 5-650HBW;Vickers: 5-3000HV	
Hardness Resolution	0.1HBW, 0.1HR,0.1HV	
Indication Accuracy	Brinell: ±2.5HB, Rockwell:±0.1HR, Vickers:±2 HV	
Repeatability	Brinell:≤3.0HB, Rockwell: 0.5HR, Vickers: ≤2.5HV	
Magnification	Objective: 2.5X, 5X (10X, 20X optional)Total magnification: 37.5X, 75X	
Dwelling Time	0~90s Adjustable	
Test Throat	165mm	
Test Height	Rockwell 230mm; Brinell160mm, Vickers160mm	
Data Output	Touchable LCD display, USB Flash Disk / built-in printer	
Executive Standards	ISO 6508, ASTM E-18, JIS Z2245, GB/T 230.2,ISO 6506, ASTM E10-12, JIS Z2243, GB/T 231.2,ISO 6507, ASTM E92, JIS Z2244, GB/T 4340.2	
Power	AC 220V+5%, 50-60Hz	
Machine Dimension	475*200*700mm	
Weight	Net Weight: 72kg	
Package size	620*420*890mm	
Gross weight	94kg	

### STANDARD CONFIGURATION:

Item	Quantity	Item	Qty
Main host	1	External lighting	1
Rockwell,Vickers diamond indenter	2	Power cable	1
Ball indenter(φ1.588、2.5、5mm)	3	Fuse 2A	2
Eyepiece (15X)	1	Regulating screw	4
Objective (2.5X, 5X)	2	Dust bag	1
Sliding test table	1	Manual	1
Large, medium, V-test table	3	Quality certificate	1
Hardness block	5	Packing list	1
U disk, touch pen	Each		