

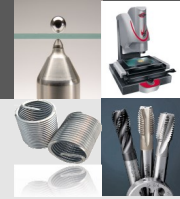
ROCKWELL/SUPERFICIAL ROCKWELL HARDNESS TESTER

Model No. : KHR-500 Rockwell

KHR-450 Superficial Rockwell

- ...KHR-500 can be used directly to measure Rockwell hardness and plastic Rockwell hardness, and it can change the value of Rockwell hardness into HB, HV, HLD, HK and σ_b value.
- ...KHR-450 can be used directly to measure Rockwell Superficial hardness and plastic hardness, and it can change the value of Rockwell superficial hardness such as HR15N, HR30N, HR 45N, HR15T, HR30T and HR45T scale into HV, HB, σ_b and HK value.
- ...Provided with many features such as
 - high measuring precision,
 - wide measuring range,
 - automatic test force
 - changing according the scales,
 - automatic main test force loading/unloading,
 - measuring results digitally display and automatic printing,
 - communicating with external computer and etc.,
 - The tester is suitable for the hardness testing of carbon steel, alloy steel, cast iron, non ferrous metal, engineering plastic and etc.

	KHR-500	KHR-450
Preload	98.1N (10kgf)	29.4N (3kgf)
Test force	588.4N(60kgf), 980.7N (100kgf), 1471N(150kgf)	147.1N(15kgf), 294.3N(30kgf), 441.3N(45kgf)
Scales	HRA, HRB, HRC, HRD, HRE, HRF, HRG, HRH, HRK, HRL, HRM, HRP, HRR, HRS, HRV	HR15N,HR30N,HR45N, HR15T,HR30T,HR45T, HR15W,HR30W,HR45W, HR15X,HR30X,HR45X, HR15Y,HR30Y,HR45Y
Load cycle	3~8s	3~8s
Load dwell duration	2~50s	2~50s
Resolution	0.1HR	0.1HR
Display	High definition backlight LCD	High definition backlightLCD
Operation	Menu selectable, Membrane keypad	Menu selectable, Membrane keypad
Auxiliary functions	Upper/lower limits setting& alarming, Data statistics, Avg., Max., Min., S, R, Scale conversion, HV, HB, σ_b , Curved surface correcting automatically	Upper/lower limits setting& alarming, Data statistics, Avg., Max., Min., S, R, Scale conversion, HV, HB, σ_b , Curved surface correcting automatically
Data output	RS-232/USB data output to printer or PC	RS-232/USB data output to printer or PC
Memory	Max 500 items of test results stored automatically	Max 500 items of test results stored automatically
Testing Space	200mm in vertical,165mm in horizontal	200mm in vertical,165mm in horizontal
Dimensions	550mm×200mm×720mm	550mm×200mm×720mm
Power supply	AC, 110V, 50~60Hz,4A	AC, 110V/220V, 50~60Hz,4A
Net weight	100kg	90kg



	KHR-500	KHR-450
Host machine	✓	✓
Standard hardness block for A scale	✓	
Standard hardness block for B scale	✓	
Standard hardness block for C scale	✓	
Standard hardness block for HR30N scale		✓
Standard hardness block for HR30T scale		✓
1/16" steel ball indenter	✓	✓
120° cone diamond indenter	✓	✓
Mounting screw for indenter ×2	✓	✓
Round plane anvil	✓	✓
"V" shape anvil	✓	✓
Power supply wire	✓	✓
Screwdriver for indenter mounting	✓	✓
Dust cover	✓	✓