

## KOBEKO MACHINE TOOLS SDN BHD

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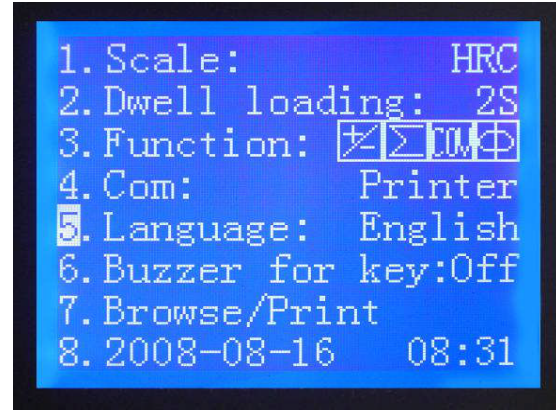
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### Advanced Digital Rockwell Hardness Tester

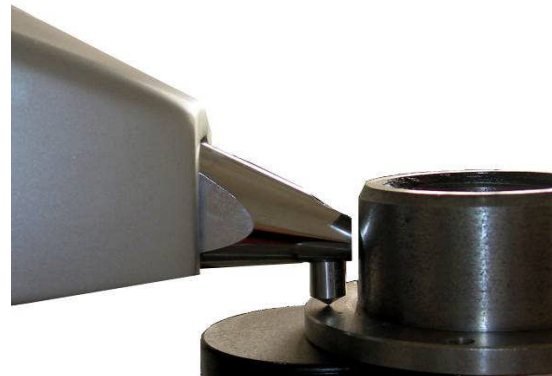
**Model: KH3000**



- Horizontal protrudent Indenter Design, suitable also for internal and external testing.
- Testing on Surfaces difficult to reach. Testing internal surface of rings and tubes with diameters over 23mm.
- Testing force is set automatically according testing scale
- Can be used directly to measure Rockwell hardness for metal and plastic material.
- Provided with many features such as high measuring precision, wide measuring range with 15 Rockwell scales.
- The tester is suitable for testing of carbon steel, alloy steel, cast iron, non ferrous metal, and engineering plastic etc.
- Automatic load cycle. The loading, dwell, unloading process of the main test force are controlled exactly to meet standard.
- Measuring results digitally displaying and can be printed, or transmitted to external computer automatically by USB or RS-232 data output port.
- Test value can be transformed to the value of HB, HV, HLD, HK and  $\sigma_b$  value.
- The tester meeting all the following standard such as ISO 6508-2, ASTM E18.



- Preload: 98.1N (10kgf)
- Total test force: 588.4N (60kgf), 980.7N (100kgf), 1471N (150kgf)
- Scales: HRA, HRB, HRC, HRD, HRE, HRF, HRG, HRH, HRK, HRL, HRM, HRP, HRR, HRS, HRV
- Load dwell duration: 2~50s, can be set and stored
- Resolution : 0.1HR
- Display: High definition backlight LCD
- Operation: Menu selectable, Membrane keypad
- Upper/lower limits setting & alarming



- Data statistics: Avg., Max., Min., S, R available
- Curved surface correcting automatically
- Memory: Max 500 items of test results stored automatically
- Data output: RS-232 to micro printer, USB port to external PC
- Testing space: 260mm in vertical, 150mm in horizontal
- Dimensions: 710mm×210mm×830mm
- Power supply: AC, 220V/110V, 50~60Hz, 4A
- Net weight: 90kg



**Standard configuration**

	Host machine	1
	Standard hardness block for A scale	1
	Standard hardness block for B scale	1
	Standard hardness block for C scale	1
	ball indenter (1/16")	1
	120°cone diamond indenter	1
	Mounting screws for indenter	2
	Flat anvil	1
	“V ”shape anvil	1
	Power supply wire	1
	Screwdriver for indenter mounting	1
	Dust cover	1

**Optional accessories:**

Short diamond indenter
Chisel diamond indenter
Slender diamond indenter
1/8"ball indenter and spare steel ball
1/4"ball indenter and spare steel ball
1/2"ball indenter and spare steel ball
φ230 anvil
φ150 anvil
Standard hardness block for other scales
Micro printer

Additional information:

Dimensions: 710mm×210mm×830mm

Dimensions of the packed machine:

800mm\*560mm\*1050mm = 0.48 CBM

Gross weight:125kg

Net weight: 90kg