

PORTABLE HARDNESS TESTER CV "RANGEMASTER PLUS"™

Digital portable hardness tester for direct load application

The CV Rangemaster Plus hardness tester represents an ideal solution to the problems associated with portable hardness testing. Its clear digital display, ease of use and ability to operate in all major international scales make it the most comprehensive unit of its type currently available. The optional sturdy bench stand adds further to the flexible nature of this ergonomic gauge.

A simplified version of the popular Rangemaster Plus, the Rockmaster (ROC0001) shares many of the attributes of the more comprehensive unit and operates in either the Rockwell C or B scales.

- Dynamic test indicator
- Large digital readout
- Hardness values in all major international scales with simple conversion facilities from one to the other
- RS-232 output for connection to PC or serial printer
- Memory storage capacity for in excess of 400 readings
- Statistical summary
- Integral icon facility provides operator with easy visual identification of mode in which unit is operating
- Operates in temperatures from -5°C to +35°C
- Upper and lower control limits
- Last reading recall
- Battery and/or mains supply (optional)

Code No Description

RAN0001 Rangemaster
PBS0001 Bench Stand



Technical specifications

Hardness Scale	Vickers Pyramid No., Brinell, Rockwell B, Rockwell, Tensile Strength, Shore Scleroscope	
Testing Range	Vickers Pyramid No.	35 – 1000
	Brinell	100 – 500
	Rockwell B	30 – 100
	Rockwell C	20 – 70
	Tensile Strength	255 – 1999 N/mm ²
Resolution	1	Vickers Pyramid No., Brinell, Tensile Strength, Shore Scleroscope
	0.1	Rockwell B, Rockwell
Model	C (ROC0001)	
	B (ROC0002)	
Scale	HRC 20-70 (ROC0001)	
	HRB 30-100 (ROC0002)	
Power	9V battery or adaptor	
Output	RS-232 serial output	

Standard delivery

- Main unit
- UKAS certified test block
- Case
- Adjusting keys
- CV Instruments certificate
- Manual

Optional accessories

- Bench stand
- Printer