

## CV Portable Digital Hardness Tester

The Bowers 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.



### Features

- Dynamic test indicator
- Large digital readout
- Hardness values in all major international scales with simple conversion facilities from one to the other
- RS232 output for connection to PC or serial printer
- Memory storage range 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
- Supplied with two UKAS certified test blocks, adjuster key and carrying case



|                |  |
|----------------|--|
| <b>RANP001</b> | Rangemaster with UKAS certified test blocks    |
| <b>RANP002</b> | Rangemaster with factory certified test blocks |
| <b>PBS0001</b> | Precision Bench Stand                          |
| <b>RAN0004</b> | RS232 PC Connection Cable                      |

### TECHNICAL SPECIFICATION

|                |   |   |
|----------------|---|---|
| Hardness Scale | Vickers Pyramid No., Brinell, Rockwell B, Rockwell C, 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 <sup>2</sup>  |
|                | Shore Scleroscope   | 24-97   |
| Resolution     | 1   | Vickers Pyramid No., Brinell, Tensile Strength, Shore Scleroscope |
|                | 0.1   | Rockwell B, Rockwell C  |
| Power          | 9V battery or adaptor   |   |
| Output         | RS-232 serial output  |   |

### Standard Delivery

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

### Optional Accessories

- Bench stand
- RS-232 cable