

CV Portable Analogue Hardness Tester - CV Instrumatic

A fully mechanical instrument of the highest precision, robust, and maintenance free. The large clearly marked dials on these unique instruments cover a full range of hardness values in Vickers, Brinell, Rockwell A, B, C, covering national and international standards.

The Instrument

The system is entirely mechanical employing the use of special pre-loaded springs which provide a load of about 15Kg to the diamond. Maximum penetration of the diamond into the specimen is 0.125mm (0.005").

Operation and Use

The simplicity of the tester enables it to be used in almost any direction, without affecting accuracy. It can be used 'on site' with complete success. The grips are depressed to the fullest extent by using the palms of the hands and the hardness value can be read off the appropriate scale. Repeatability is excellent and the calibration can be checked by the user against a UKAS certified reference test block supplied with each instrument. Each tester is supplied complete with case and detailed operating instructions.

Features

- Accurate and easy to use
- No batteries required
- UKAS certified test block supplied
- Optional bench stand with V base for round parts
- Precision Instrument
- Able to test even thin materials due to low penetration of indenter (0.25mm and above)
- Bench stand available for testing small components
- No. 3 - general purpose



PORTABLE ANALOGUE HARDNESS TESTER

Code No	Description	Scale	Range (mm)	Scale	Range (mm)	Scale	Range (mm)	Scale	Range (mm)
POR0002	No. 2	Rockwell A	40-85	Vickers Pyramid	50-100	Brinell	20-70	-	-
POR0003	No. 3	Vickers Pyramid	100-1000	Brinell	100-400	Rockwell B	50-99	Rockwell C	20-70
POR0006	No. 6	Brinell	40-300	Vickers Pyramid	40-300	-	-	-	-
PBS0001	Precision Bench Stand								