

INSTRUMATIC



INSTRUMATIC Portable hardness tester



Features

The large clearly marked dials on this type of instruments covers a full range of hardness values in Vickers, Brinell, Rockwell A, B, C, and Kp/mm² according to the British, American and German specifications.

The instrument

The system is entirely mechanical employing the use of special preloaded springs which provide a load of about 15kg to the diamond. Maximum penetration of the diamond into the specimen is 0.125mm (.005").

Operation and use

The simplicity of the tester enables it to be used in almost any direction, (preferably vertically), without affecting accuracy. It can be used 'on site'. 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.

• Diamond indenter

The instrument does not require any regular servicing. Should the diamond indenter become damaged, a new indenter can simply be fitted using the small tool supplied with the instrument.

• Precision bench stand

Bench stand with vee base for round parts, available as an option.

Technical specifications

Code No.		Scale	Range
POR0002	No 2	Rockwell A Rockwell B Rockwell C	40 - 85 50 - 100 20 - 70
POR0003	No 3	Vickers Pyramid Brinell Rockwell B Rockwell C	100 - 1000 100 - 400 50 - 99 20 - 70
POR0006	No 6	Brinell Vickers Pyramid	40 - 300 40 - 300
PBS0001		Precision bench stand	

Standard delivery

- Instrument
- UKAS Reference hardness block
- Case
- Adjuster key
- INNOVATEST® certificate
- Manual

Optional accessories

- Adjuster bush
- Spare plastic box
- Spare diamond indenter
- Precision bench stand

Order details

INSTRUMATIC PBS0001

Fully mechanical instrument with various scales available
Precision bench stand (optional)

Represented by:

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