

INSTRUMATIC

Analogue Push Type Portable Hardness Tester





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ANALOGUE PUSH TYPE 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
POR0001	No 1	Vickers Pyramid 100 - 1000 Brinell 100 - 500 Rockwell C 20 - 70
POR0002	No 2	Rockwell A 40 - 85 Rockwell B 50 - 100 Rockwell C 20 - 70
POR0003	No 3	Vickers Pyramid 100 - 1000 Brinell 100 - 400 Rockwell B 50 - 99 Rockwell C 20 - 70
POR0004	No 4	kg/mm ² 35 - 140 Brinell 100 - 400 Rockwell B 50 - 99 Rockwell C 20 - 70
POR0005	No 5	Vickers Pyramid 40 - 300 Brinell 40 - 300
POR0006	No 6	Brinell 40 - 300 Vickers Pyramid 40 - 300
POR0007	No 7	Brinell 100 - 600
POR0008	No 8	Vickers Pyramid 20 - 106
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 Fully mechanical instrument with various scales available

PBS0001 Precision bench stand (optional)

Represented by:

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