HPE II BARCOL / PUSEY & JONES

STANDARDS

BARCOL
DIN EN 59 / ASTM D 2583

PUSEY & JONES
ISO 7267-3 / ASTM D 531

RANGES OF APPLICATION

BARCOL
This hardness method is for the hardness measuring on fiberglass reinforced plastics, thermoset, hard thermo plastics, aluminum and etc.

PUSEY & JONES
This hardness method is for the hardness measuring on rubber or rubber-like materials and rubber rollers in the paper industry.

ACCESSORIES

- DAkkS/DKD-calibration certificate for the instrument
- Test stand for HPE II Barcol
- Software for data transfer and analysis
- Standard test block with DAkkS/DKD-calibration certificate

POWER SUPPLY:
Lithium-battery 3.6 v, size ½ AA
BATTERY DURATION:
approx. 2000 hours
IP CODE:
IP 30
RESOLUTION
± 1 BARCOL
1 Pusey & Jones
MEASURING RANGES:
BARCOL / Pusey & Jones
DISPLAY RANGE:
Barcol: 0 - 100
Pusey & Jones: 0 - 300
DATA OUTPUT:
RS 232 - 9600 baud, 1 start bit,
8 data bits, 1 stop bit
MEMORY:
300 measurements
DIMENSIONS (LxWxH)
HPE II Barcol: 160 x 70 x 40 mm
HPE II Pusey & Jones: 250 x 90 x 130 mm
Product Case: 240 x 210 x 55 mm
WEIGHT
HPE II Barcol: 0.37 kg
HPE II Pusey & Jones: 3.30 kg
Product Case: 0.50 kg

HPE II Barcol

HPE II Pusey & Jones

HPE II SHORE AM / M

STANDARDS

DIN ISO 7619 / ASTM D 2240

RANGES OF APPLICATION

Hardness measuring on soft and elastic elastomers and natural rubber products
Minimum specimen thickness for Shore AM = 1.25 mm
Minimum specimen thickness for Shore M = 1.50 mm

BASIC CONFIGURATION

- Test stand with automatic lowering speed of max. 3.2 mm/s ; automatic force loading
- Measuring device HPE II Shore AM or HPE II Shore M

ACCESSORIES

- DAkkS/DKD-calibration certificate for the instrument
- Barofix – O-ring centering device with clamps and large support surface
- Centrofix – Tubes and hoses centering device
- Software for data transfer and analysis
- Standard rubber blocks in set of 1/ 3/ 6 pcs with DAkkS/DKD-calibration certificate

IP CODE:
IP 30
RESOLUTION:
0.1 Shore
MEASURING RANGES:
Shore
DATA OUTPUT:
RS 232 / 100 – 240 VAC; 50 / 60 Hz
MEMORY:
300 measurements
DIMENSIONS (LxWxH)
Test stand: 160 x 200 x 360 mm
Measuring device: 160 x 80 x 140 mm
WEIGHT
Test stand: 3.5 kg
Measuring device: 0.7 kg

HPE II Shore AM/M