



Tursdale Technical Services Ltd  
Unit N12B  
Tursdale Business Park  
Co. Durham  
DH6 5PG  
United Kingdom  
Phone: +44 ( 0 ) 191 377 3398  
Fax: +44 ( 0 ) 191 377 3357  
[info@tursdaletechnicalservices.co.uk](mailto:info@tursdaletechnicalservices.co.uk)  
<http://www.industrial-needs.com/>

## MANUAL PCE-D



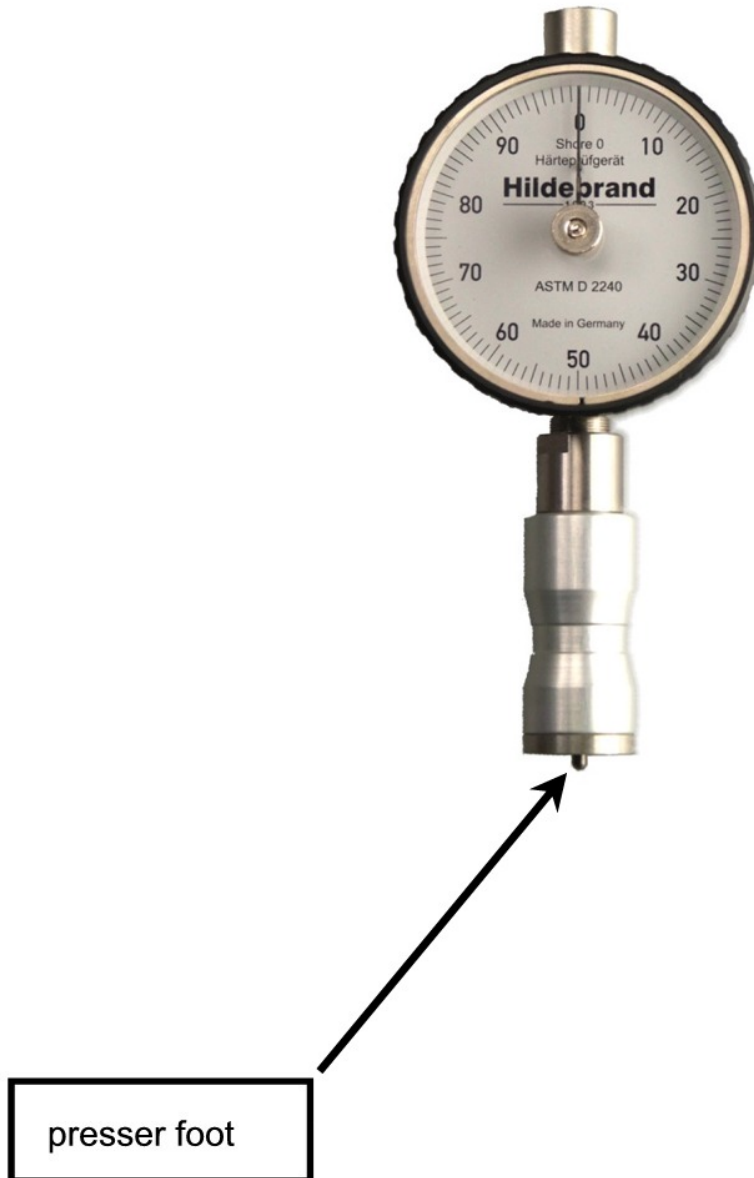


Table of contents:

- 1.0 Operating instructions
- 2.0 Cleaning instructions
- 3.0 Testing standards
- 4.0 Durometer calibration

- 5.0 Guarantee
- 6.0 CE-conformity
- 7.0 Hotiine

### **operating instructions:**

Hold the durometer in vertical position above the specimen. Press the durometer down without shock until entire presser foot (DIA 18mm) is in full contact with specimen. Dial hand shows the actual shore hardness, (take readings alter: 3s=DIN 53505, 1s=ISO 868 and ASTM D 2240).

Durometers with drag pointer: The drag pointer gives the maximum Redding.

#### **"0"-position of drag pointer**

Turn the knurl-screw mounted on the dial anti-clockwise

### **Caution**

Never press the indenter on sensitive or hard materials (e.g. steel, glass human hands, and eyes). Not suitable for children.

### **1.0 cleaning instructions**

The dial and durometer foot should be cleaned with a soft tissue which has been moistened with mild soap suds. Do not use aggressive cleaning agents.

### **2.0 testing standards:**

The testing standards are:

- DIN 53505 hard to availability checking shore A and D
- ISO 868 determination of indentation hardness by means of a durometer (shore hardness)
- ASTM D 2240 Standard Test Method for Rubber Property-Durometer Hardness

### **3.0 durometer calibration:**

An annual calibration cycle is recommended. Please send the durometer for calibration to the Hildebrandt Prüf- und Messtechnik GMBH

### **4.0 guarantee:**

All Hildebrandt durometers and related accessories are guaranteed for a period of two (2) years against defective workmanship and/or material. This guarantee does not apply to mishandled, misused, etched, stamped or otherwise marked or damaged durometers.

### **5.0 CE-conformity:**

**CE-conformity fulfilled**

### **7.0 Hotline:**

**Tel:** +44(0) 191 3773398

**E-mail:** [info@tursdaletechnicalservices.co.uk](mailto:info@tursdaletechnicalservices.co.uk)

In this direction will find a vision of the measurement technique:

<http://www.industrial-needs.com/measuring-instruments.htm>

**NOTE:** "This instrument doesn't have ATEX protection, so it should not be used in potentially explosive atmospheres (powder, flammable gases)."