

QUALITY MEASURING INSTRUMENTS FROM GERMANY

HPE III

Introducing HPE III – a Shore durometer with indications of the specimen temperature and the environmental temperature/humidity





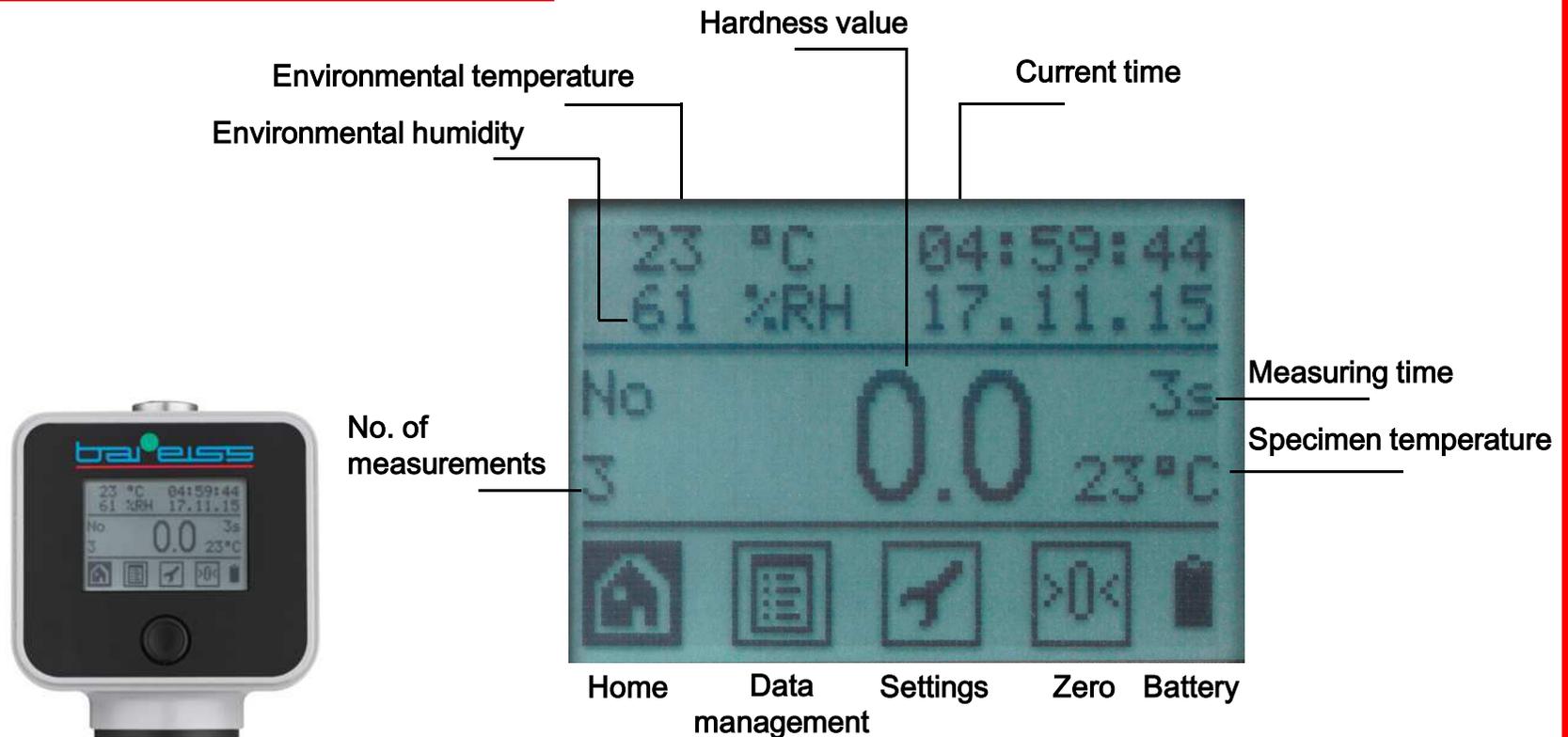
Key Features

- The HPE III housing is made of aluminum alloy which provides **robust structure** and **light weight**
- A **large screen** with 102 x 64 pixels with selectable information to display
- Navigate all functions through a touch of your thumb. The new HPE III is designed for **one-handed operation**.
- Equipped with **2 temperature sensors** with 1 for measuring the specimen temperature and the other for the environmental temperature as well as humidity.
- A patented hand-grip helps **minimizing incorrect measuring angle** and **ensuring the right force is applied**.



A sleek appearance

The new HPE III measures **153 L x 67 W x 43 D mm** and weighs only as little as **285 grams**. The slightly tilted top section eliminates any light reflection from the screen making it a comfortable reading angle. The structure importance is not compromised because of its sleek design, the entire HPE III housing is made of aluminum alloy which is meant to provide **light weight** and **robustness**.



HPE III Display

On the HPE III display, not only you get a view of the hardness value, additional information such as the environmental temperature/humidity specimen temperature, date/time, no. of measurements are all at a glance. Another breakthrough is that all previous measurements are **viewable** directly on the display and **transferrable** by USB and RS232



Navigate through your thumb

The HPE III is designed to provide **great usability**. Simply with a touch of your thumb, you can navigate through all functions on the screen while your hand has a firm grip on the lower section of the device. It is a truly **one-handed operation** durometer.



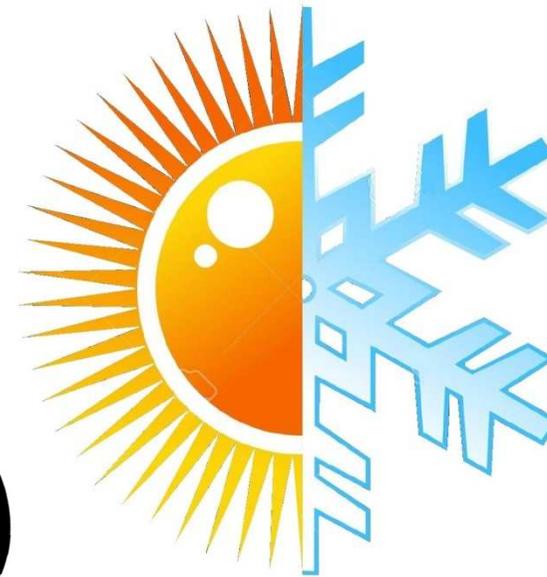


Environmental
Temperature

23°C

Specimen
Temperature

24°C



Innovative feature on HPE III

Both rubber and plastic are prone to change their properties due to the **temperature change**. To help you better understand how temperature could influence the hardness of your specimen, the HPE III is equipped with two thermocouples for delivering information of your **specimen temperature** and the **environmental temperature**



Minimizing user error

One of the most common mistakes to make when a measuring is taken place is the **angle of approach**. The HPE III has a large hand grip to assist the user to approach the specimen perpendicularly. The special mechanism inside the hand grip delivers an exact **amount of load** (Shore A = 1kg / Shore D = 5 kg) required as when the presser foot gets into a full contact with the specimen.





Manual

Fully automatic

Your choices of test stand



Bareiss suitcase

Control Ring
40

HPE III

Plug

USB power
cable

What is in the box



bareiss®

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