



Hardness assurance on convex surfaces such as wind turbine blades

The HPE II Barcol from Bareiss is designed for extreme mobile applications. It is used for the hardness determination on flat and vaulted surfaces of fiber-glass reinforced plastics, thermosetting plastics, hard thermo plastics, aluminum and other soft metals. The testing can be carried out on semi-finished parts as well as completely built units.

The HPE II Barcol is an ideal hardness checking tool during the fabrication process of vessels, aircraft and tanks. The convex surfaces of wind turbine blades can also be measured with ease.

The instrument works in accordance with the standards **DIN EN 59** and **ASTM D 2583** and allows a reliable hardness test in both vertical and horizontal positions. In combination with the test stand it is a complete testing device for laboratory

The HPE II Barcol makes a user friendly measurement tool with features of:

- The instrument can store up to 300 measured values. When the memory is full, the very first value will be erased and replaced by the new measurement.
- All measured values can be transferred to a PC by a simple key press.

The new HPE II Barcol with the innovative features does not result in any price increases. The old versions of HPE II Barcol hardness testers can be added with the new features.

The HPE II Barcol has a robust aluminum housing which houses all the electronic components. Easy operation with two simple membrane keys and a digital display. The digital display shows a blinking reading during the measuring process and there is an acoustic signal when the measuring ends. RS 232-interface is available for data transmission.

The included lithium battery provides more than 2000 working hours and is replaceable when discharged.