



Operating Instructions for Digital Hand Refractometer



Zero adjustment

Prior to each use of the digital hand refractometer a zero adjustment should be performed.

1. Apply 0.3 ml of distilled water on the before cleaned prime surface and push the START button. "---" will appear and subsequently the measured value and temperature of the water.
2. In case the display will show "0.0" no zero adjustment is required.
3. In case the display will not show "0.0" push ZERO. After blinking twice "000" will appear on the screen. If "AAA" will be indicated add some water and push ZERO again. As soon as "000" will appear the zero adjustment has been completed successfully.
4. Remove water and dry the prism.

Measuring procedure

1. Apply 0.3 ml medium on the above mentioned prism surface and push the START button. "---" will appear and subsequently the measured value and also the temperature of the medium.
2. To switch off the device push the START button for about 4 seconds.
3. Remove the medium water and dry the prism.