

Digital hand held refractometer



Illustration in original size

Digital hand held refractometer

- Fast and accurate results for liquids testing
- Easy to use
- Hot sample testing up to 100°C
- Automatic temperature compensation (10°C - 70°C)

- Simple clean up
- Up to 30.000 readings before batteries need to be replaced

Digital hand held refractometer

The digital hand held refractometer is a very effective measuring device designed for a fast control of solutions in process and the analysis of their concentration on the spot.

Easy to use. Operation consists of placing 1 or 2 drops of sample on the prism and pressing the READ key; within 2 seconds the reading is shown on the large display. Both models are easily calibrated with distilled water.

The LED light source detects the refractive index of the sample, the thermo-sensor detects current prism temperature, the Brix value is calculated and quickly displayed on the LCD readout.

The construction provides years of reliable use. The waterproof design allows it to be used in humid or harsh conditions. This slender design and splash-proof rating allows it to be dipped directly into solutions for quick readings. It can be washed under a faucet allowing the entire instrument to be kept very clean.

Samples up to 100°C can be measured. Automatic temperature compensation in the range of 10°C - 70°C allows to be used in exceptionally hot environments. The efficient power capabilities conduct up to 30.000 readings before batteries need to be replaced.



Technical data

Model:	DHR 60 B	DHR 90 B
Mesuring scale:	Brix	Brix
Measuring range:	0.0 - 60.0 %	45 - 90 %
Resolution:	± 0.1 %	± 0.1 %
Accuracy:	± 0.2 %	± 0.2 %
Temperature compensation:	10 - 70°C	10 - 70°C
Measuring time:	2 seconds	2 seconds
Maximum sample temperature:	100°C	100°C
Sample Quantity:	> 0.1 ml	> 0.1 ml
Display:	LCD	LCD
Light source:	LED	LED
Weight:	100 g	100 g

Subject to modification without notice
Änderungen vorbehalten
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