

Product: DR-DBR95 – Digital refractometer

1. Identification of the Product

Product: Digital refractometer
Catalog No.: DR-DBR95
0,0 95,0 %Brix
Refractive index
temperature
Waterproof, IP66
self-calibrating
Battery operation with auto-off



Benchtop and portable

Refractometers DR-DBR are bench instruments that can be easily moved where needed. Their maneuverability make them ideal for use in any location. The cell sample holder, stainless steel corrosion is suitable for any liquid, ensures an excellent cleaning and a long use of the instrument.

Temperature compensation

The refractive index of a sample is correlated to the temperature. **DR-DBR95** automatically compensates the refractive index due to a built-in microprocessor.

Automatic calibration

CAL button allows automatic calibration of a point using water as standard.

Display for reading and degree of protection

The tools allow you to determine and display, alternately, the different parameters. On their LCD display you can read the degrees Brix% for the concentration of sugars, refractive index nD, salinity (only the DR-DBR Salt) and temperature ° C of the sample. In addition, the watertight IP66 allows use even in adverse environmental conditions, with high humidity and splashes.

Supply, warranty and packaging

The operation of the instruments is ensured by a 9v battery. The battery life is guaranteed by the auto-off feature. For manufacturing defects warranty is 2 years. Refractometers are provided with a soft case protection.

There are certified standards for calibration of the refractometer.



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Technical data:

Measuring range

% Brix	0,00 ÷ 95,0
Refractive index nD	1,3333 ÷ 1,5400
% Salinity	-
Temperatura °C	0,0 ÷ 40,0

Division

% Brix	0,1
Refractive index nD	0,0001
% Salinity	-
Temperature °C	0,1

Accuratezza

% Brix	± 0,5
Refractive index nD	± 0,0003
% Salinity	-
Temperature °C	± 0,5
Temperature of use °C	-10 ÷ 50
Temperature response (sec.)	1
Minimum quantity of sample (ml)	1
Calibration	con acqua
Power Supply	batteria 1 x 9V.
Dimension (mm)	185x105x70
Weigth (G.)	365

Note: We reserve the right to change, improve and change the products shown



Keep out of reach children



Dispose of by using the appropriate waste disposal authorities.
Do not dispose in environment

