

DR301-95 and DR201-95 | Digital Hand-held Refractometer

DR301-95

- RS-232 serial interface
- Additional scales programmable
- Software for result evaluation
- Tolerance alarm (upper and lower threshold can be entered)
- Automatic turn-off, 3 min. after last input
- Powered by 9V battery (remaining battery power shown on display)
- Power supply optional
- Stainless steel sample plate
- Weight: 500g
- Dimensions: 180 x 100 x 60mm



DR301-95

Fields of application (both devices):

Determination of mixing ratios, quality and quantity inspection in the following industries:

- Pulp and paper industries
- Chemical industry
- Beverage industry
- Food industry
- Sugar and sweetener industry
- Textiles industry
- Metalworking industry
- Petrochemical industry
- Wastewater management

DR201-95

Compact hand-held digital refractometer for independent quality control in the food, beverages, pharmaceutical, petroleum and chemical industries.

Simple and accurate measurement over a broad measurement range (0-95% Brix), scale selection and simple calibration without a calibration norm facilitate user-friendly use.

The device features automatic temperature compensation, thus ensuring the accuracy of the concentration measurement.



DR201-95

Measurement unit	nD	%Brix	%Salinity
Measurement range	1.3330-1.5318	0-95	0-30
Accuracy	±0.00015	±0.1	±0.1
Resolution	0.0001	0.1	0.1

Temperature unit	°C	°F
Temp. compensation	5-40	41-104
Temp. range	0-40	32-104
Temp. accuracy	±1	±2
Temp. resolution	0.1	0.1

Measurement unit	nD	%Brix
Measurement range	1.3330-1.5318	0-95
Accuracy	±0.0003	±0.2
Resolution	0.0001	0.1