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

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**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

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**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.

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**Measurement unit**

<table>
<thead>
<tr>
<th>nD</th>
<th>%Brix</th>
<th>%Salinity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.3330-1.5318</td>
<td>0-95</td>
<td>0-30</td>
</tr>
</tbody>
</table>

**Accuracy**

| ±0.00015 | ±0.1 | ±0.1 |

**Resolution**

| 0.0001 | 0.1 | 0.1 |

**Temperature unit**

<table>
<thead>
<tr>
<th>°C</th>
<th>°F</th>
</tr>
</thead>
<tbody>
<tr>
<td>5-40</td>
<td>41-104</td>
</tr>
<tr>
<td>0-40</td>
<td>32-104</td>
</tr>
</tbody>
</table>

**Temp. accuracy**

| ±1 | ±2 |

**Temp. resolution**

| 0.1 | 0.1 |