

Hydrometers made of plastics

We use state-of-the-art processes to manufacture hydrometers made of high-quality plastics (polycarbonate). Each hydrometer is accurately adjusted, passes strict quality control and is marked with its individual serial number. Therefore, the determined values are traceable to the measurement device.

Hydrometers made of plastics can even be used as test medium within quality management systems with the highest standards of quality, safety and reliability due to an optional calibration of our accredited calibration lab.

- Breakage protected (no glass breakage)
- Fully made of resistant polycarbonate (PC)
- High transparency (like glass) – easy-to-read scales
- High precision and reproducibility
- Suitable for applications in food, pharmaceutical and cosmetic industries as well as many others
- Measuring units: specific gravity, density, Oechsle, % mas, Brix, ° Baumé, etc.
- Made in Germany: We are the only German manufacturer producing both precision glass and plastic hydrometers
- DAkkS or works certificates on request

Ludwig Schneider 

*High-precision measuring instruments for
temperature and density*

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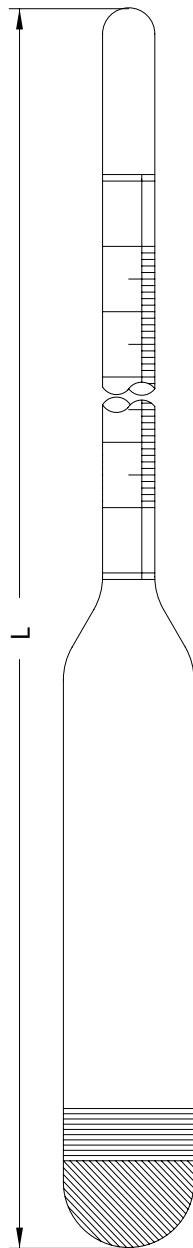
Material: Polycarbonate (PC)
Measuring ranges, scale units and total lengths (L): see table

Quality features

- Measuring device suitable for foods (HACCP)
- Unbreakable (no glass breakage)
- Traceable with calibration certificate (option)

Additional Order No.

...../03 With work certificate
...../04 With DAkkS certificate



Hydrometers for measurement of density/specific gravity

Measuring range (g/cm ³)	Scale (g/cm ³)	Length (mm)	Tp.(°C)	Ref.-No.
1.000-1.220	0.002	300	20	3001220
1.200-1.420	0.002	300	20	3001420
1.400-1.620	0.002	300	20	3001620
Measuring range (sp/gr)	Scale (sp/gr)	Length (mm)	Tp.(°F)	Ref.-No.
1.000-1.220	0.002	300	60/60	3002540
1.200-1.420	0.002	300	60/60	3002541
1.400-1.620	0.002	300	60/60	3002542

Oechsle scale

Measuring ranges (g/cm ³)	Scales (° Oechsle)	Scales (g/cm ³ °)	Length (mm)	Tp. (°C)	Ref.-No.
1.000-1.130	0-130	0.001 1	300	20	3002596

Hydrometers for sodium chloride (salt solutions)

Measuring range (°Saturation)	Scale (°)	Length (mm)	Tp.(°C)	Ref.-No.
0-100	1	300	20	3002511
Measuring range (%mas.)	Scale (%)	Length (mm)	Tp.(°C)	Best.-Nr.
0-26	0.2	300	20	30025112
Meas. range (g/cm ³ seawater)	Scale (g/cm ³)	Length (mm)	Tp.(°C)	Best.-Nr.
1.000-1.040	0.001	250	20	3001040

Hydrometers acc. to Baumé

Measuring range (Bé)	Scale (Bé)	Length (mm)	Tp.(°C)	Ref.-No.
0-25	0.2	300	15	3002525
0-12	0.2	250	15	3002501
9-21	0.2	250	15	3002502
19-31	0.2	250	15	3002503
29-41	0.2	250	15	3002504
39-51	0.2	250	15	3002505
49-61	0.2	250	15	3002506
59-71	0.2	300	15	3002507
0-12	0.2	250	20	3002501-20
9-21	0.2	250	20	3002502-20
19-31	0.2	250	20	3002503-20
29-41	0.2	250	20	3002504-20
39-51	0.2	250	20	3002505-20
49-61	0.2	250	20	3002506-20
59-71	0.2	250	20	3002507-20

Saccharimeter %mas./Brix

Measuring range (%mas./Brix)	Scale (%mas.)	Length (mm)	Tp.(°C)	Ref.-No.
0-35	0.5	300	20	3002523
0-50	0.5	300	20	3002595
0-15	0.2	250	20	3000015
15-30	0.2	250	20	3001530
30-45	0.2	250	20	3003045
45-60	0.2	250	20	3004560
60-75	0.2	250	20	3006075
75-90	0.2	250	20	3007590

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