

Hydrometers, Ludwig Schneider



- Precision hydrometer „Made in Germany“ for density measurement of liquids
- Calibratable
- With individual serial number

Density hydrometers, range finder

Ref. temperature: 20°C

Measuring range g/cm ³	Scale g/cm ³	Overall length mm	Order No.
1.000 – 2.000	0.01	300	10 16 53011
1.000 – 1.500	0.005	300	10 16 53014

Density hydrometers

- Reference temperature: 20°C
- Available with integrated thermometer (mercury-free)
- Further measuring ranges (up to 4,000 g/cm³) available on request
- Standard calibration (WPS & DAkkS) with 3 test points, additional test points available on request

Measuring range g/cm ³	Scale g/cm ³	Overall length mm	calibrateable version Order No.	with factory test certificate Order No.	with DAkkS calibration certificate Order No.
0.600 – 0.700	0.001	300	10 16 53021	10 16 55221	10 16 55321
0.700 – 0.800	0.001	300	10 16 51822	10 16 55222	10 16 55322
0.800 – 0.900	0.001	300	10 16 51823	10 16 55223	10 16 55323
0.900 – 1.000	0.001	300	10 16 51824	10 16 55224	10 16 55324
1.000 – 1.100	0.001	300	10 16 51825	10 16 55225	10 16 55325
1.100 – 1.200	0.001	300	10 16 51826	10 16 55226	10 16 55326
1.200 – 1.300	0.001	300	10 16 51827	10 16 55227	10 16 55327
1.300 – 1.400	0.001	300	10 16 51828	10 16 55228	10 16 55328
1.400 – 1.500	0.001	300	10 16 51829	10 16 55229	10 16 55329
1.500 – 1.600	0.001	300	10 16 51830	10 16 55230	10 16 55330

Precision density hydrometers acc. to DIN 12791 – Series L50

- Reference temperature: 20°C
- Available with integrated thermometer (mercury-free)
- Further measuring ranges available on request
- Standard calibration (WPS & DAkkS) with 3 test points, additional test points available on request

Type	Measuring range g/cm ³	Scale g/cm ³	Overall length mm	calibrateable version Order No.	with factory test certificate Order No.	with DAkkS calibration certificate Order No.
L50-070	0.700 – 0.750	0.0005	335	10 16 51831	10 16 55231	10 16 55331
L50-075	0.750 – 0.800	0.0005	335	10 16 51832	10 16 55232	10 16 55332
L50-080	0.800 – 0.850	0.0005	335	10 16 51833	10 16 55233	10 16 55333
L50-085	0.850 – 0.900	0.0005	335	10 16 51834	10 16 55234	10 16 55334
L50-090	0.900 – 0.950	0.0005	335	10 16 51835	10 16 55235	10 16 55335
L50-095	0.950 – 1.000	0.0005	335	10 16 51836	10 16 55236	10 16 55336
L50-100	1.000 – 1.050	0.0005	335	10 16 51837	10 16 55237	10 16 55337
L50-105	1.050 – 1.100	0.0005	335	10 16 51838	10 16 55238	10 16 55338

Precision alcoholmeters

- Reference temperature: 20°C
- Available with integrated thermometer (mercury-free)
- Further measuring ranges available on request
- Standard calibration (WPS & DAkkS) with 3 test points, additional test points available on request

Measuring range % vol.	Scale % vol.	Overall length mm	calibrateable version Order No.	with factory test certificate Order No.	with DAkkS calibration certificate Order No.
0 – 100	1	250	10 16 51861	10 16 55261	10 16 55361
10 – 20	0.1	320	10 16 51862	10 16 55262	10 16 55362
20 – 30	0.1	320	10 16 51863	10 16 55263	10 16 55363
30 – 40	0.1	320	10 16 51864	10 16 55264	10 16 55364
40 – 50	0.1	320	10 16 51865	10 16 55265	10 16 55365
50 – 60	0.1	320	10 16 51866	10 16 55266	10 16 55366



Special precision hydrometers

- Available with integrated thermometer (mercury-free)
- Further versions (°Oechsle, °Plato etc.) available on request
- Standard calibration (WPS & DAkkS) with 3 test points, additional test points available on request

Measuring range	Scale	Ref. temperature °C	Length mm	Application	calibrateable version Order No.	with factory test certificate Order No.	with DAkkS calibration certificate Order No.
1.015 – 1.040 g/cm ³	0.0005 g/cm ³	15	260	Lactometer	10 16 53053	10 16 53253	10 16 53353
0.995 – 1.030 g/cm ³	0.0005 g/cm ³	20	350	soil acc.to Casagrande	10 16 53052	10 16 53252	10 16 53352
1.000 – 1.035 g/cm ³	0.001 g/cm ³	20	160	seawater	10 16 53054	10 16 53254	10 16 53354
0 – 30% mas	0.5% mas	20	270	potash lye	10 16 53056	10 16 53256	10 16 53356
0 – 27% mas	0.5% mas	15	270	common salt acc. to Bischoff	10 16 53057	10 16 53257	10 16 53357
0 – 40% mas	0.5% mas	20	270	hydrochloric acid	10 16 53058	10 16 53258	10 16 53358
45 – 96% mas	0.5% mas	20	270	nitric acid	10 16 53059	10 16 53259	10 16 53359

Plastic-hydrometers „Made in Germany“ made of high quality polycarbonate

- Measuring instrument suitable for food (HACCP proof)
- Unbreakable (no glass breakage)
- Same transparency as glass
- Further versions (°Oechsle, °Brix etc.) available on request
- Standard calibration (WPS) with 3 test points, additional test points available on request

Hydrometer for measuring density and specific gravity

Measuring range	Scale	Ref. temperature	Length mm	calibrateable version Order No.	with factory test certificate Order No.
1.000 – 1.220 g/cm ³	0.002 g/cm ³	20°C	300	10 16 51901	10 16 55401
1.200 – 1.420 g/cm ³	0.002 g/cm ³	20°C	300	10 16 51902	10 16 55402
1.400 – 1.620 g/cm ³	0.002 g/cm ³	20°C	300	10 16 51903	10 16 55403
1.000 – 1.220 sp/gr	0.002 sp/gr	60/60°F	300	10 16 51904	10 16 55404
1.200 – 1.420 sp/gr	0.002 sp/gr	60/60°F	300	10 16 51905	10 16 55405
1.400 – 1.620 sp/gr	0.002 sp/gr	60/60°F	300	10 16 51906	10 16 55406

Hydrometers acc. to Baumé

- Reference temperature: 15°C
- Standard calibration (WPS) with 3 test points, additional test points available on request

Measuring range	Scale	Length mm	calibrateable version Order No.	with factory test certificate Order No.
0 – 12 Bé	0,2° Bé	250	10 16 51922	10 16 55422
0 – 25 Bé	0,2° Bé	300	10 16 51921	10 16 55421
9 – 21 Bé	0,2° Bé	250	10 16 51923	10 16 55423
19 – 31 Bé	0,2° Bé	250	10 16 51924	10 16 55424
29 – 41 Bé	0,2° Bé	250	10 16 51925	10 16 55425
39 – 51 Bé	0,2° Bé	250	10 16 51926	10 16 55426
49 – 61 Bé	0,2° Bé	250	10 16 51927	10 16 55427
59 – 71 Bé	0,2° Bé	300	10 16 51928	10 16 55428

Hydrometers for sodium chloride (saline solutions)

- Reference temperature: 20°C
- Standard calibration (WPS) with 3 test points, additional test points available on request

Measuring range	Scale	Length mm	calibrateable version Order No.	with factory test certificate Order No.
0 – 100	1° saturation	300	10 16 55431	10 16 55441
0 – 26	0.2% mas	300	10 16 55432	10 16 55442
1.000 – 1.040	0.001 g/cm ³	250	10 16 55433	10 16 55443

