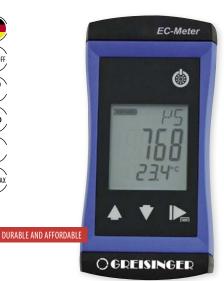
HOLD

IS0



G1410-1002

Art. no. 474039

Universal conductivity measuring device Device, measuring cell LF 202, 2 pole graphite, fix mounted, in suitcase GKK1002

G1420-1002

Art. no. 474040

high resolution ultrapure water conductivity measuring device; Device, measuring cell LF 200 RW, 2 pole stainless steel, fix mounted, in suitcase GKK1002

G1410

Art. no. 610006 Universal conductivity measuring device of up to 100 mS/cm, incl. graphite measuring cell

G1420

Art. no. 610007 high resolution ultrapure water conductivity measuring device up to 100 μ S/cm, incl. stainless steel measuring cell

General:

The primary focus in the development of the new GMH 1000 series was place on the essential functions of the measurement technology. Pure measurement with a focus on precision, speed and reliability packaged in a compact housing distinguish an impressive price/performance ratio, Made in Germany.

G1420

G1410

The new handheld measuring devices also impress with their ergonomic design, dust and water-protected design in accordance with IP 65/67 and the illuminated display. The compact conductivity measuring device as a G 1410 is a precise and durable wide-range measuring cell for universal use from DI water to salt water. As a G 1420, it has a specialised measuring cell for high-resolution clean/cleanest water applications.

Application:

Freshwater and salt water aquariums, reverse osmosis and similar filters, cleaning processes, cooling/lubricating processes, plant cultivation and agriculture; laboratories, quality assurance, service

Specifications:	G 1410	G1420
	Wide-range measuring device, incl. graphite measuring cell	Cleanest water version, incl. stainless steel measuring cell
Measurement:	Conductivity, salinity, TDS	conductivity, specific resistance:
Measuring range:	With automatic measuring range shifting	
Conductivity:	0 2000 μS/cm 0.00 20.00 mS/cm 0.0 100.0 mS/cm	0.000 2.000 μS/cm 0.00 20.00 μS/cm 0.0 100.0 μS/cm
Specific resistance:	-	0.0100 0.2000 MOhm*cm 0.010 2.000 MOhm*cm 0.01 20.00 MOhm*cm
TDS:	0 2000 mg/l	
Salinity (PSU):	0.0 50.0 g/kg	
Temperature:	-5.0 +105.0 °C	-5.0 +105.0 °C
Accuracy		
Conductivity:	±0.5 % of m.v. ±0.5 % FS	Typ. ±1 % of m.v. ±0.5 % FS
Temperature:	±0.3 °C	±0.3 °C
Temperature compensation:	off: deactivated nLF: non-linear, according to EN 27888	off: deactivated nLF: non-linear, according to EN 27888 LIN: linear with variable coefficients NaCI: For weak NaCI solutions in accordance with EN 60746-3
Reference temperatures:	20 and 25 °C	20 and 25 °C
Sensors/measuring inputs:	permanently connected 2-pole measuring cell with integrated temperature sensor	
Measuring cell:	2-pole measuring cell, Ø 12 mm (graphite), cable 1.2 m (others available for surcharge)	2-pole measuring cell, Ø 12 mm (stainless steel 1.4404, 1.4435), cable 1.2 m (others avai- lable for surcharge)
Display:	3-line unit with battery status indicator, background light, protected by an unbreakable pane, overhead display at the push of a button	

HIGHLIGHTS:

- Modern and functional housing
- Outstanding price/performance ratio
- 3-line display / overhead display at the push of a button
- Backlighting
- Waterproof (IP67)
- Durable, long battery life
- High-quality measuring cell for wider range of application included

rapid measurement detection



Operation:	4 long-lasting, easy-to-operate buttons
Additional functions:	automatic measuring range shifting, automatic temperature compensation
Operating conditions:	Device: -20 +50 °C, 0 95 % RH (non condensing) measuring cell: -5 +80 °C (shorttime 100 °C)
Power supply:	2 x AA battery, >1000 h operating time
Protection rating:	IP65 / IP67
Housing:	Break-proof ABS housing
Dimensions:	108 x 54 x 28 mm (H x W x D) without sensor connection
Weight:	approx. 200 g (G 1410) approx. 230 g (G 1420)
Scope of supply:	Device with measuring cell,

Device with measuring cell, calibration log, 2 x battery, manual

Accessories and spare parts:

GKL 100 Art. no. 601396 Conductivity control solution (100 ml bottle with 1413 μS / cm, in accordance with DIN FN 27888) **GKL 101** Art. no. 601398 Conductivity control solution $(250 \text{ ml bottle with 84 } \mu\text{S}/\text{cm})$ GKL 102 Art. no. 601400 Conductivity control solution (100 ml bottle with 50 mS/cm) HD-22-3 Art. no. 700040 freely positionable laboratory sensor holding arm for sensors Ø12mm GWZ-01 Art. no. 603499 Flow-through chamber for sensors with Ø 12 mm, tube connection Ø 6 mm ST-G1000 Art. no. 611373 Protection bag, leather **GB AA**

Art.-Nr: 610049

Spare battery Mignon (AA) 1,5 V (2 batteries required) **GKK 1002**

Art. no. 411907

Case G1000 series water analysis small