

PRECISE PH MEASURING DEVICE



HIGHLIGHTS:

- Modern and functional housing
- 3-line display / overhead display at the push of a button
- Backlighting
- Waterproof (IP65 / IP67)
- Durable, long battery life
- BNC connection for alternating electrodes

NEW: G 1501

- with Redox (ORP) and temperature measurement
- Alarm function

NEW!

ADDITIONAL FUNCTIONS G 1501:



Connection G 1500



Connection G 1501

G 1500

Art. no. 609850

Precise pH measuring device, incl. pH electrode GE 114 WD

G 1501

Art-Nr: 611725

pH/Redox(ORP)/temperature measuring device with alarm function, incl. pH electrode GE 114-WD

General:

The primary focus in the development of the new GMH 1000 series was placed 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. 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 pH-meter is an alternative to pH sticks and elaborate middle-class devices.

Additional with G 1501:

The G 1501 also enables Redox (ORP) measurement (with temperature-compensated conversion of the Ag/AGCl reference system to a hydrogen system in accordance with DIN 38404 part 6, table 1) and automatic temperature compensation with connected Pt 1000 temperature sensor for pH and mVH measurements. An optical and visual alarm signal (min/max) is also included.

Application:

Aquariums and aquaculture, plant cultivation and agriculture, laboratories, quality assurance, service, foods, etc.

Specifications:

Measuring range:	0.00 ... 14.00 pH
Resolution:	0.01 pH
Accuracy (device):	±0.02 pH ±1 digit (at nominal temperature 25 °C)
Temperature (G 1501 only):	
Measuring input:	2 x 4 mm banana for Pt 1000, 2-wire
Measuring range:	-5.0 ... +105.0 °C or 23.0 ... 221.0 °F
Accuracy:	±0.2 °C ±1 digit (at nominal temperature 25 °C)
Redox (ORP) (G 1501 only)	
Measuring input:	BNC socket (Redox or pH measurement adjustable via menu)
Measuring range:	-1500 ... 1500 mV or -1293 ... 1707 mV _H
Accuracy:	±0.1 % FS ±1 digit (at nominal temperature 25 °C)
Display:	3-line unit, with background light, protected by an unbreakable pane, overhead display at the push of a button
Sensors / measuring inputs:	pH electrode connectible via BNC, Standard GE 114 WD Temperature compensation which can be set on the device Electrode range of application: 0 ... 60 °C
Working temperature:	Display unit -20 ... +50 °C
Power supply:	2 x AA battery, approx. 3000 h operating time
Housing:	Break-proof ABS housing
Dimensions:	108 x 54 x 28 mm (H x W x D) without sensor connection
Weight:	approx. 130 g (without electrode)
Scope of supply:	Device, electrode, calibration log, 2 x battery, manual

Accessories and spare parts:

G 1500-GL

Art. no. 609851

Device without electrode

G 1501-GL

Art. no. 611483

Device without electrode

GE 114-BNC-WD

Art. no. 610460

Spare pH electrode with waterproof BNC-connector, IP 67

GE 114-BNC

Art. no. 604701

Spare pH electrode

GE 100-BNC

Art. no. 600704

pH electrode

for additional electrodes, see the next page

GKK 252

Art. no. 601056

with nap foam for universal application (235 x 185 x 48 mm)

GKK 1100

Art. no. 601060

with nap foam for universal application (340 x 275 x 83 mm), suitable to accommodate accessories

PHL 4

Art. no. 601369

ready-to-use buffer solution (pH 4.01 / 25 °C), 250 ml

PHL 7

Art. no. 601371

ready-to-use buffer solution (pH 7.00 / 25 °C), 250 ml

PHL 10

Art. no. 601373

ready-to-use buffer solution (pH 10.01 / 25 °C), 250 ml

GAK 1400

Art. no. 603523

Working and calibration set consisting of: 5 of each of GPH 4.0, GPH 7.0 and GPH 10.0 buffer capsules, 3 x 100 ml plastic bottle GPF 100, 1 x 3 mol KCL electrolyte KCL3M and 1 x pepsin cleaning solution GRL 100.

ST-G1000

Art. no. 611373

Device protection bag with 1 round cut-out

GB AA

Art.-Nr: 610049

Spare battery AA (2 batteries required)

Accessories for G 1501:

GF 1T-23-B-BS

Art. no. 611088

Pt1000 handheld sensor, Pt1000 Class B, with 2 banana plugs

GR 105-BNC

Art. no. 607798

Redox electrode with BNC connection

GRP 100

Art. no. 601424

ORP buffer solution (220 mV at 25 °C), 100 ml

