

PRECISE PH MEASURING DEVICE



ROBUST UND PREISWERT



GE 114-WD

GE 125

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



Connection G 1501

G 1501

Art-Nr: 611725

Waterproof pH/ORP-meter with Pt1000 input and alarm with pH electrode GE 114-WD

G 1501-G125

Art-Nr: 414689

Waterproof pH/ORP-meter with Pt1000 input and alarm, Device complete with pH electrode GE 125 (PT1000)

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. 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.

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 mV_H 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:	
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 (OPR)

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 connectable 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 for G 1501:

G 1501-GL

Art. no. 611483

Device without electrode

GF 1T-T3-B-B5

Art. no. 611088

compact Pt1000 temperature probe with silicone handle

GR 105-BNC

Art. no. 607798

ORP / redox electrode with BNC connection

GRP 100

Art. no. 601424

Redox test solution 220 mV, 100 ml

General accessories see page 66



G 1501-SET

Art-Nr: 611385

Waterproof pH/ORP-meter with Pt1000 input and alarm, Complete set for pH/temperature measurement Device compl. with pH electrode GE 114-WD + GF1T 3mm + GPH4.0/5+ GPH7.0/5 + 2x GPF100

G 1501-SET 114

Art-Nr: 474037

Waterproof pH/ORP-meter with Pt1000 input and alarm, Device complete with pH electrode GE 114 WD, T-probe GF1T-T3-B-B, GAK 1400 and suitcase GKK 1001

G 1501-SET 125

Art-Nr: 474038

Waterproof pH/ORP-meter with Pt1000 input and alarm, Device complete with pH electrode GE 125, GAK 1400 and suitcase GKK 1001

General:

Affordable set for temperature-compensated pH measurement

Application:

The measuring devices can be used in aquarium, water and surface water monitoring, plant husbandry, agricultural, laboratory, quality assurance, service and food applications.

Accessories and spare parts:

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GF 1T-T3-B-B5

Art. no. 611088

compact Pt1000 temperature probe with silicone handle, Pt1000 class B, with 2 banana plugs

GAK 1400

Art. no. 603523

pH 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.



GKK 1001

Art. no. 611604

Case G1000 series water analysis universal 395 x 295 x 106 mm (W x H x D)