

## PRECISE PH-METER



TEMPERATURE INPUT FOR  
CONVENIENT TEMPERATURE  
COMPENSATION



GE 114-WD

GE 125

## HIGHLIGHTS:

- Modern and functional housing
- 3-line display / overhead display at the push of a button
- Backlit
- Waterproof (IP65 / IP67)
- Robust, long battery life
- BNC connection for interchangeable electrodes
- with redox (ORP) and temperature measurement
- Alarm function



Connection G 1501

**G 1501**

Item No: 611725

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

**G 1501-G125**

Item No: 414689

Waterproof pH / redox meter with Pt1000 input and alarm, device complete with pH electrode GE 125 (PT1000)

**GENERAL:**

When developing the new G 1000 series, the focus was consciously on the essential functions of the measurement technology. Measurement with a focus on precision, speed, and reliability, packed into a compact housing, delivers an outstanding price/performance ratio. Made in Germany. The new portable instruments also have an impressive ergonomic design, are dust- and water-proof to IP 65/67, and feature a backlit display. The compact pH-Meter is the alternative to pH sticks on the one hand and to complex mid-range devices on the other. The G 1501 enables redox (ORP) measurement (with temperature-compensated conversion from the Ag / AgCl reference system to the hydrogen system in accordance with DIN 38404 Part 6, Table 1) and automatic temperature compensation when a Pt 1000 temperature sensor is connected for the measured variables pH and mV<sub>H</sub>. An optical and visual alarm signal (min / max) is also included.

**APPLICATION:**

Aquarium and aquaculture, plant farming and agriculture, laboratories, quality assurance, service, food, ...

**TECHNICAL 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:	
Measurement 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)	

**Measurement input:** BNC socket (redox or pH measurement adjustable via menu)

**Measuring range:** -1500..1500 mV or -1293..1707 mV<sub>H</sub>

**Accuracy:** ±0.1 % FS ±1 digit at (nominal temperature 25 °C)

**Display:** 3-line with battery level indicator, backlit, protected by break-resistant glass, overhead display at the push of a button

**Sensors / measuring inputs:** pH electrode can be connected via BNC, standard GE 114 WD  
Temperature compensation adjustable on the device  
Application range electrode: 0..60 °C

**Working temperature:** Display device -20 .. + 50 °C

**Power supply:** 2 x AA batteries, approx. 3000 h battery life

**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 delivery:** Device, electrode, test report, 2 x batteries, operating instructions

**ACCESSORIES FOR G 1501:****G 1501-GL**

Item No. 611483

Device without electrode

**GF 1T-T3-B-BS**

Item No. 611088

compact Pt1000 hand probe with silicone handle

**GR 105-BNC**

Item No. 607798

Redox electrode with BNC connection

**GRP 100**

Item No. 601424

Redox test solution 220 mV, 100 ml

See also: Accessories for electrodes

**G 1501-SET**

Item No: 611385

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

**G 1501-SET 114**

Item No: 474037

Waterproof pH / redox meter with Pt1000 input and alarm, device complete with pH electrode GE 114 WD, T-sensor GF1T-T3-B-BS, GAK 1400 and case GKK 1001

**G 1501-SET 125**

Item No: 474038

Waterproof pH / redox meter with Pt1000 input and alarm, device complete with pH electrode GE 125, GAK 1400 and case GKK 1001

**GENERAL:**

Cost-effective set for temperature-compensated pH measurement

**APPLICATION:**

The measuring devices can be used in the areas of aquaristics, aqua and water monitoring, plant farming, agriculture, laboratories, quality assurance. Service and applied to food

**ACCESSORIES OR SPARE PARTS:**

See also: Accessories for electrodes

**GF 1T-T3-B-BS**

Item No. 611088

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

**GAK 1400**

Item No. 603523

pH work and calibration set: 5 buffer capsules each GPH 4.0, GPH 7.0 and GPH 10.0, 3xGPF100, 1x KCL3M, 1X GRL 100.

**GKK 1001**

Item No. 611604

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