

## PH / REDOX ACCESSORIES

Supplementary set  
GMH 55 ES



## Accessories and spare parts:

**GMH 55 ES**

Art. no. 603066

Supplementary set, including pH-electrode (GE 100 BNC), temperature probe (GF 1T-T3-B-BS), case (GKK 3500), working and calibration set (GAK 1400)

**GE 125-BNC**

Art. no. 600732

waterproof pH-electrode with integrated Pt1000 temperature sensor incl. waterproof BNC-plug and two banana plugs (p.r.t. page 65)

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

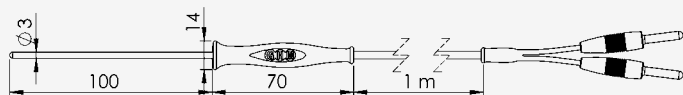
Art. no. 611088

Pt1000 handheld probe

-70 ... +250 °C, Pt1000 class B

immersion probe Ø 3 mm made of V4A tube, black silicone handle up to +250 °C, 1 m, silicone cable up to +230 °C permanently / +250 °C for 2 h, 2 x Ø 4 mm banana plug

Response time  $T_{90}$ : water 0.4 m/s < 2 s, air 2 m/s approx. 40 s

**GE 100-BNC**

Art. no. 600704

pH-electrode (p.r.t. page 65)

**GR 105-BNC**

Art. no. 607798

Redox-electrode (p.r.t. page 66)

**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

**KCL 3 M**

Art. no. 602477

3 mol KCl electrolyte for refill or storage (filled in the protective cap) of electrodes with 3 mol KCl electrolyte. 100 ml plastic vial.

**CaCl**

Art. no. 603254

1000 ml, solution for measuring the pH value of soil

**GRL 100**

Art. no. 601422

Pepsin cleaning solution, 100 ml

**GRP 100**

Art. no. 601424

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

**GAK 1400**

Art. no. 603523

Working and calibration set

**General:****Working and calibration set consisting of:**

Working and calibration set consisting of:  
5 buffer capsules each GPH 4.0, GPH 7.0 and GPH 10.0, 3 x 100 ml-plastic bottle GPF 100, 1 x 3 mol KCL-electrolyte KCL3M and 1 x Pepsin-cleaning agent GRL 100. GAK 1400 is required if no buffer solutions are existing.



## PH-METER



GAK 1400  
RECOMMENDED!

**GPH 114**

Art. no. 604700

pH-meter ready for use incl. pH-electrode type GE 114 and battery.

**Specifications:**

<b>Measuring range:</b>	0.00 ... 14.00 pH with standard pH-electrode type GE 114
<b>Resolution:</b>	0.01 pH
<b>Accuracy (device):</b>	±0.02 pH ±1 digit (at nominal temperature 25 °C)
<b>Operating conditions:</b>	0 ... 45 °C; 0 ... 80 % RH (non condensing)
<b>Storage temperature:</b>	-20 ... +70 °C
<b>Connection:</b>	BNC bayonet
<b>pH-electrode:</b>	GE 114 (standard electrode), combination electrode with GEL-electrolyte. Measuring range: 0 ... 14 pH, temperature 0 ... 60 °C, conductivity >200 µS/cm
<b>Input resistance:</b>	approx. 10 <sup>12</sup> Ohm
<b>Display:</b>	3½-digit LCD display, 13 mm high
<b>Calibration:</b>	3 turning knobs for: 1. temperature compensation 0 ... 90 °C, 2. pH 7 value and 3. pH X value (e.g. pH 1.09, pH 4, pH 10 or pH 12, depends on working range)
<b>Power supply:</b>	9V battery
<b>Battery life:</b>	approx. 200 h
<b>Housing:</b>	Impact resistant ABS
<b>Dimensions:</b>	106 x 67 x 30 mm (H x W x D)
<b>Weight:</b>	approx. 200 g (incl. battery and electrode)
<b>Scope of supply:</b>	Device, electrode, battery, manual

**Accessories and spare parts:****GE 114-BNC**

Art. no. 604701

Spare electrode

**GPH 114 GL**

Art. no. 606082

Loose device (without accessories)

**GE 100-BNC**

Art. no. 600704

Universal electrode (0 ... 14 pH, 0 ... 80 °C)

**GE 101-BNC**

Art. no. 600693

Injection electrode (2 ... 11 pH, 0 ... 60 °C)

**GE 104-BNC**

Art. no. 602063

pH-electrode for low-ion water (as of 25 µS/cm)

**GKK 252**

Art. no. 601056

Case (235 x 185 x 48 mm) with foam lining

**GKK 1100**

Art. no. 601060

Case (340 x 275 x 83 mm) with foam lining

**GB 9 V**

Art. no. 601115

Spare battery

additional accessories p.r.t. page 66