

Application areas: Electrodes

| Application | Electrode: | | | | | | | | | | |
|----------------------|------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
| | GE 100 | GE 101 | GE 104 | GE 108 | GE 120 | GE 151 | GE 170 | GE 173 | GE 117 | GE 125 | |
| Sewage | | | | | | | | • | | | |
| Aquarium water | • | | | • | | • | | | • | | |
| Emulsions | | • | • | | | | | | | | |
| On-site measurements | | | | • | | | | | • | • | |
| Fish farming | • | | • | • | | • | | | • | • | |
| Galvanic baths | | | | | | | | • | | | |
| Beverages | | | | | | • | | • | | • | |
| Low-ion media | | | • | | | | | | | | |
| Cosmetics | | | • | | | | | | | | |
| Food sample | | • | | | • | | | | | | |
| Sea water | • | • | • | • | • | • | • | • | • | • | |
| Process chemistry | | | | | | | • | • | | | |
| Swimming pool water | • | | | • | | | | • | | | |
| Suspensions | | • | • | | | | | | | | |
| Soil testing | | • | | | | | | | | | |
| Drinking water | • | | • | | | | | • | | | |
| Water-based lacquers | | | • | | | | | • | | | |

ORP electrode

**GE 105-Cinch**

with Cinch connection

GE 105-BNC

with BNC connection

Specifications:

| | |
|-----------------------------|-------------------------|
| Measuring unit: | ORP |
| Measuring range: | ± 2000 mV, 0 ... 80 °C |
| Conductivity: | > 25 µS |
| Temperature measurement: | no |
| Water-proof: | no |
| Pressure resistant: | no |
| cable: | 1 m ¹⁾ |
| Electrolyte: | 3 mol/l KCL |
| Thread: | without |
| Dimensions: | shaft: 120 mm x Ø 12 mm |
| Minimal depth of immersion: | 15 mm |

Electrodes - accessories

Accessories and spare parts:**GEAK-2S7-BNC**

Adapter cable S7-BNC, 2 m

GEAK-5S7-BNC

Adapter cable S7-BNC, 5 m

VD120

Pricker for insertion electrode GE101

GAD 1 CINCH

Adapter to connect electrodes with Cinch plug to devices with BNC socket.

GAD 1 BNC

Adapter to connect electrodes with BNC plug to devices with Cinch socket.

GPF 100

Plastic wide mouth bottle, 100 ml

GPH 4,0 / 5

Buffer capsules (5 pieces), pH4.0

GPH 4,0 / 10

Buffer capsules (10 pieces), pH4.0

GPH 7,0 / 5

Buffer capsules (5 pieces), pH7.0

GPH 7,0 / 10

Buffer capsules (10 pieces), pH7.0

GPH 10,0 / 5

Buffer capsules (5 pieces), pH10.0

GPH 10,0 / 10

Buffer capsules (10 pieces), pH10.0

GPH 12,0 / 5

Buffer capsules (5 pieces), pH12.0

GPH 12,0 / 10

Buffer capsules (10 pieces), pH12.0

All buffer capsules are traceable to NIST standards and have ±0.02 pH at 25 °C.

**GAK 1400**

Working and calibration set: GPH4.0, GPH7.0, GPH10.0 (5 capsules of each type); 3 x GPF100; 1 x 3 mol KCl electrolyte KCL3M; 1 x Pepsin cleaning solution GRL100

PHL 4

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

PHL 7

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

PHL 10

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

KCL 3 M

3 mol KCl electrolyte for refilling and storage (fill into protective cap) of electrodes with 3 mol KCl electrolyte, injection bottle, 100 ml

CaCl

1000 ml, solution for measuring the pH value of soil

GRL 100

Pepsin cleaning solution, 100 ml

GRP 100

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

GWA1Z

Thread adapter PG13.5 to G1", plastic

PG 13.5

Plug-on thread adapter for pressure-less use, for any electrode