

# pH-electrodes, redox electrodes and accessories



	<b>GE 014</b>	<b>GE 100</b>	<b>GE 106</b>	<b>GE 108</b>	<b>GE 151</b>	<b>GE 109</b>	<b>GE 117</b>	<b>GE 125</b>	<b>GE 105</b>
Measurand	pH	pH	pH	pH	pH	pH	pH	pH	Redox
Measuring range	2 - 12 pH 0 - 60 °C	0 - 14 pH 0 - 80 °C	2 - 11 pH 10 - 80 °C	0 - 14 pH 0 - 80 °C	0 - 14 pH -5 - +80 °C	0 - 14 pH 0 - 60 °C	0 - 14 pH 0 - 60 °C	0 - 14 pH 0 - 70 °C	± 2000 mV 0 - 80 °C
Conductivity	> 200 µS	> 200 µS	> 25 µS	> 200 µS	> 200 µS	> 200 µS	> 200 µS	> 200 µS	> 25 µS
Temperature meas.	no	no	no	no	no	integrated Pt100	integrated Pt1000	integrated Pt1000	no
Water proof	no	no	no	no	no	no	no	yes	no
Pressure resistant	no	no	no	6 bar	no	6 bar	6 bar	1 bar	no
Cable	1 m	1 m	1 m	2 m	1 m	2 m	2 m	2 m	1 m
Electrolyte	3 mol/l KCL	3 mol/l KCL	3 mol/l KCL	Gel-Elektrolyt	3 mol/l KCL	Gel-Elektrolyt	Gel-Elektrolyt	Gel-Elektrolyt	3 mol/l KCL
Thread	without	without	without	PG13.5	without	without	PG13.5	without	without
Application	environmental analysis, swimming pool, aquarium, water treatment etc.	environmental analysis, swimming pool, aquarium, water treatment etc.	low-ionic media, VE-water, discus-fishes etc.	environmental analysis, swimming pool, aquarium, water treatment etc.	electroplating, partly for paints and varnishes, alkali resistant	environmental analysis, swimming pool, aquarium, water treatment etc.	environmental analysis, swimming pool, aquarium, water treatment etc.	environmental analysis, swimming pool, aquarium, water treatment, Food & Beverage	aquarium, ground survey, chemical analysis, sewage etc.
Connection	Cinch	Cinch	Cinch	Cinch	Cinch	BNC + Mini-DIN	BNC + 4mm Banana	BNC + 4mm Banana	Cinch
<b>Price</b>									

**Note:** elektrodes are consumption objects. Lifetime under careful treatment: > 2 Years / Warranty: 12 Month

## Options, upcharges

- **BNC:** Electrode with BNC-plug
- **Cable extension**  
(available cable length: 1, 2, 5, other upon request)
- **Special design types**  
(electrodes with thread, other length, special applications etc.)

## Accessories:

- GPH 4,0 / 5** Buffer capsule (5 pcs), pH4.0
- GPH 4,0 / 10** Buffer capsule (10 pcs), pH4.0
- GPH 7,0 / 5** Buffer capsule (5 pcs), pH7.0
- GPH 7,0 / 10** Buffer capsule (10 pcs), pH7.0
- GPH 10,0 / 5** Buffer capsule (5 pcs), pH10.0
- GPH 10,0 / 10** Buffer capsule (10 pcs), pH10.0
- GPH 12,0 / 5** Buffer capsule (5 pcs), pH12.0
- GPH 12,0 / 10** Buffer capsule (10 pcs), pH12.0

All buffer salts are directly traceable to NIST standards and certified to ±0.02pH units at 25°C.

**GAK 1400** Working and calibration set cons. of 5 buffer caps. each ( GPH4,0, GPH7,0 und GPH10,0), 3 x GPF100, 1 x 3 mol KCl-electrolyte KCL3M and 1 x Pepsin-cleaning agent GRL100.

**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 agent, 100ml

**GRP 100** Redox testing solution (220mV at 25°C), 100ml

**GAD 1 CINCH** Adapter for the plug-in of electrodes with Cinch-plugs to devices with BNC-sockets.

**GAD 1 BNC** Adapter for the plug-in of electrodes with BNC-plugs to devices with Cinch-sockets.

**GWA1Z** thread adapter PG13.5 to G1", plastics

**PG 13.5** plug on thread adapter  
for pressureless use, for any electrode

**miscellaneous accessories**  
p.r.t. p. 34