

pH-electrodes, redox electrodes and accessories



	GE 014	GE 100	GE 106	GE 108	GE 151	GE 109	GE 117	GE 125	GE 173	GE 105
Measurand	pH	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	0...14 pH 0...80 °C	± 2000 mV 0...80 °C
Conductivity	> 200 µS	> 200 µS	> 25 µS	> 200 µS	> 200 µS	> 200 µS	> 200 µS	> 200 µS	> 50 µS	> 25 µS
Temperature meas.	no	no	no	no	no	integr. Pt100	integr. Pt1000	integr. Pt1000	nein	no
Water proof	no	no	no	no	no	no	no	yes	nein	no
Pressure res.	no	no	no	6 bar	no	6 bar	6 bar	1 bar	6 bar	no
Cable	1 m	1 m	1 m	2 m	1 m	2 m	2 m	2 m	1 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	Gel- Elektrolyt	3 mol/l KCL
Thread	without	without	without	PG13.5	without	without	PG13.5	without	PG13.5	without
Application	environ- mental analysis, baths, aquarium, water treat- ment etc.	environ- mental analysis, baths, aquarium, water treat- ment etc.	low-ionic media, VE-water, discus- fishes etc.	environ- mental analysis, baths, aquarium, water treat- ment etc.	electroplat- ing, partly for paints and var- nishes, alkali resist- ant	environ- mental analysis, baths, aquarium, water treat- ment etc.	environ- mental analysis, baths, aquarium, water treat- ment etc.	environ- mental analysis, Bbaths, aquarium, water treat- ment, food & beverage	biogas plants, wa- ter soluble lacquers, electro- plating, process chemistry	aquarium, ground survey, chemical analysis, sewage etc.
Temperature connection	-	-	-	-	-	Mini-DIN	4 mm Banana	4 mm Banana	-	-
Connection:										
Cinch										
BNC										

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

Options, upcharges:

- 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. 36