

AREAS OF APPLICATION ELECTRODES

APPLICATION	GE100	GE101	GE104	GE108	GE114	GE117	GE120	GE125	GE126	GE151	GE171	GE173	GR105	GR175
Sewage									•			•		
Aquarium water	•		•	•	•	•			•	•			•	•
Soil testing		•												
Emulsions		•	•											
Field measurements				•	•	•		•					•	
Fish farming	•		•	•	•	•		•	•	•			•	•
Galvanic baths												•		•
Beverages								•		•		•	•	•
Low-ion media			•									•		
Cosmetics			•											
Food samples		•					•							
Sea water	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Online measurement											•	•		•
Process chemistry										•	•	•		•
Swimming pool water	•			•	•	•		•	•			•	•	•
Suspensions		•	•											•
Drinking water	•		•	•	•	•		•	•			•	•	•
Water-based lacquers			•									•		

Note: The information provided is a general recommendation. It must be checked which electrodes are suitable for the respective area of application.

REDOX ELECTRODES



GR 105-BNC
Item No. 607798
Redox electrode with BNC connection



GR 175-BNC
Item No. 607801
Redox electrode, pressure-resistant, BNC connector

GR 175-S7
Item No. 607802
Redox electrode, pressure-resistant, S7 plug head, without connection cable^{*)}

TECHNICAL SPECIFICATIONS:	GR 105	GR 175
Measured variable:	Redox	
Measuring range:	± 2000 mV, 0.80 °C	
Conductivity:	> 100 µS/cm	
Temperature measurement:	No	
Waterproof:	No	
Pressure resistant:	No	6 bar
Cable:	1 m ¹⁾	without / 1 m
Electrolyte:	3 mol/l KCL	Gel electrolyte
Diaphragm:	2 x ceramics	1 x ceramic
Metal electrode:	Platinum dome Ø 5 mm	
Thread:	without	PG 13.5
Electrode shaft:	Tyrl, Ø 12 mm x 120 mm	Glass, Ø 12 mm x 120 mm
Min. immersion depth:	15 mm	
Scope of delivery:	Redox electrode, operating instructions	

OPTIONS:
Longer cables for ¹⁾²⁾
(available cable lengths up to 5 m)

EQUIPMENT:
GRP 100
Item No. 601424
Redox test solution 220 mV, 100 ml



^{*)} Note: For the S7 connection, the GEAK-2S7-BNC or GEAK-5S7-BNC cable is required, for devices with a cinch connection the GAD 1 BNC adapter is also required. Electrodes are consumables. Lifespan with careful handling: >2 years./Warranty: 12 months