

## GREISINGER hand held pH-instruments



		GMH 3530	GPRT 1400 AN	GPH 14
Meas. ranges	pH	0.00 ... 14.00	0.00 ... 14.00	0.00 ... 14.00
	mV (Redox/ORP)	-1999 ... 2000 mV	-1999 ... 1999 mV	
	mV <sub>H</sub> (Redox/ORP)	-1792 ... 2207 mV		
	rH	0.0...70.0 rH		
	temperature	-100.0 ... 250.0°C -148.0 ... 482.0°F	-20.0 ... 110.0°C	-
Temperature-compensation	Manually	X	X	X
	Automatic	X	-	X
Sensor connection pH/REDOX		BNC	CINCH	CINCH
Sensor connection temperature		MiniDIN (4-wire, Pt100)	Phone jack (KTY11-6)	-
Analogue output				X
Serial interface		X	-	-
Auto-calibration		X	-	-
Power consumption		Ca. 3 mA	Ca. 3 mA	Ca. 1.5 mA
Auto Power Off		X	-	-

Suitable pH and REDOX-electrodes and temperature probes, please refer to catalogue

## GREISINGER handheld dissolved oxygen instruments



		GMH 3630	GMH 3610	GOX 20
Meas. ranges	O <sub>2</sub> concentration	0.00 ... 25.00 mg/l / 0.0 ... 70.0 mg/l	0.0 ... 25.0 mg/l	0.0 ... 20 mg/l
	O <sub>2</sub> saturation	0 ... 250.0% / 0 ... 600%	0 ... 300%	
	O <sub>2</sub> partial pressure	0 ... 570.0 hPa / 0 ... 1200 hPa		
	Temperature	0,0 .. 50,0 °C	0,0 .. 50.0 °C	0.0 .. 40.0 °C
	Atmospheric pressure	500 ... 1100 hPa abs.		
Precision	O <sub>2</sub>	1.5% of value +/- 0,2mg/l	1.5% of value +/- 0.2mg/l	2 % of value +/- 0.2mg/l
	Temperature	+/- 0.3 °C	+/- 0.1 °C +/- 1 Digit	+/- 0.1 °C +/- 1 Digit
Electrode	Active membrane type, shaft diameter 12mm, life time ca. 3 years or more (depending on application and care)			
Sensor connection	6 pole Mini DIN	6 pole Mini DIN	permanent connection	
Calibration	automatic on air or saturated water, 2 point calibration possible	automatic on air	via poti on air	
Pressure compensation	automatic or manually	manually	-	
Salinity correction (sea water)	0,0 .. 70,0 adjustable	-	-	
Serial interface	X	X	-	
Power consumption	ca. 3mA	ca. 3mA	ca. 1mA	
Auto Power Off	X	X	-	

# GREISINGER handheld conductivity instruments



		GMH 3430	GMH 3410	GLF 100	GLF 100RW (Oct. 2008)
Measuring ranges	conductivity 1	0,0 ... 200,0 µS/cm	0.0 ... 200.0 µS/cm	0 ... 2000 µS/cm	0.000 ... 2.000 µS/cm
	” 2	0 ... 2000 µS/cm	0 ... 2000 µS/cm	0.00 ... 20.00 mS/cm	0.00 ... 20.00 µS/cm
	” 3	0,00 ... 20,00 mS/cm	0,00 ... 20,00 mS/cm	0.0 ... 100.0 mS/cm	0.0 ... 100.0 µS/cm
	” 4	0,0 ... 200,0 mS/cm	0.0 ... 200.0 mS/cm	-	-
	spec. resistance	0.005 ... 100.0 kΩ/cm	-	-	-0.0100 ... 20.00 MΩ/cm
	TDS	0.0 ... 199.9 mg/l 0 ... 1999 mg/l	-	0 ... 2000 mg/l	-
	Salinity	0,0 ... 70,0 g/kg	-	0,0 ... 50,0 g/kg	-
Temperature	-5.0 ... 100.0°C -23.0 ... 212.0°F	-5.0 ... 100.0°C -23.0 ... 212.0°F	-5.0 ... 100.0°C -23.0 ... 212.0°F	-5.0 ... 100.0°C -23.0 ... 212.0°F	
Electrode	2 pole graphite electrode shaft diameter 12mm, integrated temperature measuring				2 pole stainless steel
Temperature-compensation	off*)	X	-	X	X
	nLF*)	X	X	X	X
	Lin*)	X	-	-	X
	NaCl*)	-	-	-	X
Serial interface	X	X	(optional)	(optional)	
Power consumption	ca. 5 mA	ca. 5 mA	< 1.5 mA	< 1.5 mA	
Auto-Power-Off	X	X	X	X	

\*)

off	deactivated
nLF	Non linear temperature compensation according to EN 27888 (natural water)
Lin	Linear temperature compensation with adjustable coefficient
NaCl	Temperature compensation of weak NaCl-solutions according to DIN EN 60746-3