

<b>Measurement Channels</b>	1
<b>Temperature Channels</b>	1
<b>pH</b>	0.00...14.00 pH
<b>mV</b>	±1000 mV
<b>Conductivity</b>	0...100 mS/cm (C1010) 0...1000 mS/cm (C1020)
<b>Salinity (C1020 only)</b>	0.0...70.0
<b>TDS (C1020 only)</b>	0...100 g/l
<b>Dissolved oxygen</b>	0.00...20.00 mg/l 0...200%
<b>Temperature</b>	0.0...+100.0°C
<b>Warranty</b>	36 months



## ● Description

C1010 is the most basic, yet complete and accurate bench-top meter in our portfolio. It can measure all common electrochemical parameters such as pH, ORP, Conductivity and Dissolved Oxygen. This makes the C1010 an all-round instrument. C1020 adds a larger conductivity range, Salinity, TDS and measurement storage capability.

The large numbers on the graphical display make it easy to read the measurement. The instrument contains a stability indicator and stability algorithm for steady accurate readings.

## ● Specifications

<b>pH</b>	Range	0.00...14.00 pH
	Resolution	0.01 pH
	Accuracy	0.2% ± 1 digit
	Calibration	1...3 points
	Buffers	11 pre-programmed
	Temperature compensation	0...100°C
	ISO-pH	6...8 pH
<b>mV</b>	Slope	80...120%
	Range	±1000 mV
<b>CONDUCTIVITY</b>	Resolution	1 mV
	Accuracy	0.2% ± 1 digit
	Calibration	1 point
	Range (cc dependent)	0...100 mS/cm (C1010) 0...1000 mS/cm (C1020)
	Resolution (cc dependent)	0.1 µS/cm (C1010) 0.01 µS/cm (C1020)
	Accuracy	1% f.s. of range
	Calibration	1 point
	Standards	3 pre-programmed
	Cell constant (cc)	1 cm <sup>-1</sup> ±30% (C1010) 0.1/1/10 cm <sup>-1</sup> ±30% (C1020)
	Temperature compensation	0...100°C
<b>SALINITY (C1020 only)</b>	Reference temperature	20° or 25°C
	Reference temperature	natural waters (EN27888)
	Range	0...70
	Reference temperature	15°C

<b>DISSOLVED OXYGEN</b>	Range	0.00...20.00 mg/l (0...200%)
	Resolution	0.01 mg/l (0.1%)
	Accuracy	1% ± 1 digit
	Calibration	1 point
	Temperature compensation	0...50°C
	Salinity compensation	0...40
<b>TEMPERATURE</b>	Air pressure compensation	800...1200 hPa
	Range	0...100°C
<b>INPUTS</b>	Resolution	0.1°C
	Accuracy	0.5°C
	Calibration	1 point
	pH/mV	BNC, 10 <sup>12</sup> Ω
<b>STORAGE MEMORY (C1020 only)</b>	Conductivity/Dissolved oxygen	BNC
	Temperature	2 banana, for Pt1000
<b>DATA SETS</b>	Data sets	300
<b>CALIBRATION</b>	GLP	✓
<b>DISPLAY</b>	LCD	128x64 pixels
	White back-light	✓
<b>AMBIENT CONDITIONS</b>	Temperature	0...40°C
	Humidity	0...95%, non condensing
<b>POWER SUPPLY</b>	Mains	100...240 VAC, 50/60 Hz
	Low voltage	9...15 VDC
<b>DIMENSIONS</b>	WxDxH	13x18x10 cm
<b>WEIGHT</b>	Meter	550 gr

## ● Ordering codes

Code	Description
<b>C1010</b>	pH/conductivity/DO meter
<b>C1020</b>	pH/conductivity/DO meter
<b>C10xxP</b>	PH meter kit: C10xx + pH/ATC electrode SP10T + 2x50 ml buffers (pH 4 and 7) + 50 ml electrolyte (3M KCl)
<b>C10xxK</b>	EC meter kit: C10xx + conductivity/ATC electrode SK10T + 50 ml conductivity standard (0.01 M KCl)
<b>C10xxPK</b>	PH/EC meter kit: C10xx + pH/ATC electrode SP10T + conductivity/ATC electrode SK10T + 2x50 ml buffers (pH 4 and 7) + 50 ml electrolyte (3M KCl) + 50 ml conductivity standard (0.01 M KCl)
<b>C10xxZ</b>	DO meter kit: C10xx + dissolved oxygen electrode SZ10T
<b>C10xxT</b>	pH/EC/DO meter kit: C10xx + pH/ATC electrode SP10T + conductivity/ATC electrode SK10T + dissolved oxygen electrode SZ10T + 2x50 ml buffers (pH 4 and 7) + 50 ml electrolyte (3M KCl) + 50 ml conductivity standard (0.01 M KCl)
<b>C10xxX</b>	Meter kit without electrodes: meter + 2x50 ml buffers (pH 4 and 7) + 50 ml electrolyte (3M KCl) + 50 ml conductivity standard (0.01 M KCl)

➔ Supplied with a mains adaptor (100...240 VAC, EU/US). Add -UK for UK plug versions, -CH for Swiss plug versions