

- **Gold Plated BNC**
- **Pre-programmed standards**
pH: 1.68, 2.00, 4.00, 4.01, 6.87, 6.99, 9.18, 9.21, 10.01, 12.00, 12.45 (at 25°C)
Conductivity: 1413 $\mu\text{S/cm}$, 12.88 mS/cm , 111.8 mS/cm (at 25°C)
- **Stability algorithm with intuitive indicator**
- **Easy to use**
- **Ideal for schools and small laboratories**
- **Large graphical display**
- **Accuracy at a budget**



SH300



SK10T



SP10T



SZ10T

The C1000 series are basic, yet complete and accurate bench-top meters. It can measure all common electrochemical parameters such as pH, ORP, Conductivity and Dissolved Oxygen. C1020 adds a larger conductivity range, Salinity, TDS and measurement storage capability.

Specifications depending on model

pH/MV Channels	1
EC/TDS/SAL/DO Channels	1
Temperature Channels	1
pH	0.00...14.00 pH
mV	± 1000 mV
Conductivity	0...100 mS/cm 0...1000 mS/cm
Salinity	0.0...70.0
TDS	0...100 g/l
Dissolved oxygen	0.00...20.00 mg 0...200%
Temperature	0.0...+100.0°C
Warranty	36 months
Made in Belgium	

Code	Description
C1010	mV/pH/EC/DO meter
C1020	mV/pH/EC/SAL/TDS/DO meter

Code	Description	Content
C10xxP	pH meter kit, epoxy electrode	meter + pH electrode SP10T + 2x50ml pH buffers + 50ml electrolyte
C10xxK	EC meter kit, epoxy electrode	meter + EC electrode SK10T + 50ml EC standard
C10xxPK	pH/EC meter kit, epoxy electrodes	meter + pH electrode SP10T + EC electrode SK10T + 2x50ml pH buffers + 50ml electrolyte + 50ml EC standard
C10xxZ	Oxygen meter kit	meter + DO electrode SZ10T
C10xxT	Complete meter kit, epoxy electrode	meter + pH electrode SP10T + EC electrode SK10T + 2x50ml pH buffers + 50ml electrolyte + 50ml EC standard + DO electrode SZ10T
C10xxX	Meter kit without electrodes	meter + 2x50ml pH buffers + 50ml electrolyte + 50ml EC standard
SH300	Flexible electrode holder	

Kits are available for each meter. Replace xx with correct meter number. F.i. C1010P, C1020T, etc...

pH/MV Channels	1
EC/TDS/SAL/DO Channels	1
Temperature Channels	1
pH	0.00...14.00 pH
mV	±1000 mV
Conductivity	0...100 mS/cm (C1010) 0...1000 mS/cm (C1020)
Salinity (C1020 only)	0.0...70.0
TDS (C1020 only)	0...100 g/l
Dissolved oxygen	0.00...20.00 mg 0...200%
Temperature	0.0...+100.0°C
Warranty	36 months
Made in Belgium	



● 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

pH (C1020 only)	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
mV	Slope	80...120%
	Range	±1000 mV
	Resolution	1 mV
	Accuracy	0.2% ± 1 digit
CONDUCTIVITY	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 ⁻¹ ±30% (C1010) 0.1/1/10 cm ⁻¹ ±30% (C1020)
	Temperature compensation	0...100°C
	Reference temperature	20° or 25°C
	Temperature coefficient	natural waters (EN27888)
	SALINITY (C1020 only)	Range
Reference temperature		15°C
TDS (C1020 only)	Range	0...100.0 g/l
	Resolution	0.1 mg/l

DISSOLVED OXYGEN	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
	Air pressure compensation	800...1200 hPa
TEMPERATURE	Range	0...100°C
	Resolution	0.1°C
	Accuracy	0.5°C
	Calibration	1 point
INPUTS	pH/mV	BNC, 10 ¹² Ω
	Conductivity/Dissolved oxygen	BNC
	Temperature	2 banana, for Pt1000
STORAGE MEMORY (C1020 only)	Data sets	300
CALIBRATION	GLP	✓
DISPLAY	LCD	128x64 pixels
	White back-light	✓
AMBIENT CONDITIONS	Temperature	0...40°C
	Humidity	0...95%, non condensing
POWER SUPPLY	Mains	100...240 VAC, 50/60 Hz
	Low voltage	9...15 VDC
DIMENSIONS	WxDxH	13x18x10 cm
WEIGHT	Meter	600 gr

● Ordering codes

Code	Description
C1010	pH/conductivity/DO meter
C1020	pH/conductivity/DO meter
C10xxP	PH meter kit: C10xx + pH/ATC electrode SP10T + 2x50 ml buffers (pH 4 and 7) + 50 ml electrolyte (3M KCl)
C10xxK	EC meter kit: C10xx + conductivity/ATC electrode SK10T + 50 ml conductivity standard (0.01 M KCl)
C10xxPK	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)
C10xxZ	DO meter kit: C10xx + dissolved oxygen electrode SZ10T
C10xxT	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)
C10xxX	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