

- 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...

● 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 |
| | Slope | 80...120% |
| mV | Range | ±1000 mV |
| | Resolution | 1 mV |
| | Accuracy | 0.2% ± 1 digit |
| | Calibration | 1 point |
| CONDUCTIVITY | 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 |
| 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 |