- **Gold Plated BNC**
- **Portable**
- **One input handles all electrodes**
- **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) + 5 user editable
  Conductivity: 1413 µS/cm, 12.88 mS/cm, 111.8 mS/cm (at 25°C) + 3 user editable
- **Stability algorithm with intuitive indicator**
- **Hold function**
- **Selectable resolution**
- **Range lock**
- **Capacitive compensation**
- **Galvanic isolated USB interface**
- **High Accuracy**
- **Free software and firmware updates**







CONV USBD RS232

**The C6000 series are all full-parameter portable instruments. With the optional CONV_USBD_RS232 it's possible to convert the USB interface to RS232. Suitable for connecting an AP414 printer to the meter.**

## Specifications depending on model

| | |
|---|---|
| **Measurement Channels** | **1** |
| **Temperature Channels** | **1** |
| **pH** | -2.000...+16.000 pH |
| **mV** | ±2000.0 mV |
| **Ion** | 0.01 ng/l...100 g/l |
| **Conductivity** | 0...2000 mS/cm |
| **Resistivity** | 0...200 MΩ.cm |
| **Salinity** | 0.0...70.0 |
| **TDS** | 0...100.0 g/l |
| **Dissolved oxygen** | 0...60.00 mg/l 0...600% |
| **Air pressure** | 600...1300 hPa |
| **Temperature** | -5.0...+105.0°C |
| **Warranty** | 36 months |
| **Made in Belgium** | |

| Code | Description |
|---|---|
| **C6010** | pH/conductivity/DO meter |
| **C6030** | pH/Ion/conductivity/DO meter |

| Code | Description | Content |
|---|---|---|
| **C60xxP** | pH meter kit, glass electrode | meter + pH electrode SP20T + 2x50ml pH buffers + 50ml electrolyte + carrying case |
| **C60xxPE** | pH meter kit, epoxy electrode | meter + pH electrode SP10T + 2x50ml pH buffers + 50ml electrolyte + carrying case |
| **C60xxK** | EC meter kit, glass electrode | meter + EC electrode SK20T + 50ml EC standard + carrying case |
| **C60xxKE** | EC meter kit, epoxy electrode | meter + EC electrode SK10T + 50ml EC standard + carrying case |
| **C60xxPK** | pH/EC meter kit, glass electrodes | meter + pH electrode SP20T + EC electrode SK20T + 2x50ml pH buffers + 50ml electrolyte + 50ml EC standard + carrying case |
| **C60xxPKE** | pH/EC meter kit, epoxy electrodes | meter + pH electrode SP10T + EC electrode SK10T + 2x50ml pH buffers + 50ml electrolyte + 50ml EC standard + carrying case |
| **C60xxZ** | Oxygen meter kit | meter + DO electrode SZ10T + carrying case |
| **C60xxT** | Complete meter kit, glass electrodes (DO epoxy) | meter + pH electrode SP20T + EC electrode SK20T + 2x50ml pH buffers + 50ml electrolyte + 50ml EC standard + DO electrode SZ10T + carrying case |
| **C60xxTE** | Complete meter kit, epoxy electrode | meter + pH electrode SP10T + EC electrode SK10T + 2x50ml pH buffers + 50ml electrolyte + 50ml EC standard + DO electrode SZ10T + carrying case |
| **C60xxX** | Meter kit without electrodes | meter + 2x50ml pH buffers + 50ml electrolyte + 50ml EC standard + carrying case |
| **CONV_USBD_RS232** | USB device to RS232 converter | |
| **AP414** | Serial printer | |
| **SH300** | Flexible electrode holder | |
| **Kits are available for each meter. Replace xx with correct meter number. F.i. C6010P, C6030T, etc...** | | |

## Specifications

| | | |
|---|---|---|
| **pH** | Range | -2.000...+16.000 pH |
| | Resolution | 0.001 pH |
| | Accuracy | 0.1% ± 1 digit |
| | Calibration | 1...5 points |
| | Buffers | 11 pre-programmed<br>5 user specified |
| | Temperature compensation | -5.0...+105.0°C |
| | ISO-pH | 6.000...8.000 pH |
| | Slope | 80.0...120.0% |
| | Zero point (Eo) | ±999.0 mV |
| | Selectable Resolution | ✓ |
| **mV** | Range | ±2000.0 mV |
| | Resolution | 0.1 mV |
| | Accuracy | 0.1% ± 1 digit |
| | Calibration | 1 point |
| | Selectable Resolution | ✓ |
| **CONDUCTIVITY** | Range (cc dependent) | 0...2000 mS/cm |
| | Resolution (cc dependent) | 0.001 µS/cm |
| | Accuracy | 0.5% f.s. of range |
| | Calibration | 1...3 points |
| | Standards | 3 pre-programmed<br>3 user specified |
| | Cell constant (cc) | 0.07...13 cm-1 |
| | Temperature compensation | -5...+105°C |
| | Reference temperature | 20°, 25°C or off |
| | Temperature coefficient | natural waters (EN27888) |
| | Range lock | ✓ |
| | Capacitive compensation | ✓ |
| **RESISTIVITY** | Range | 0...200 MΩ.cm |
| | Resolution | 1 Ω.cm |
| **SALINITY** | Range | 0.0...70.0 |
| | Reference temperature | 15°C |
| **TDS** | Range | 0...100.0 g/l |
| | Resolution | 0.01 mg/l |
| **DISSOLVED OXYGEN** | Range | 0...60.00mg/l |
| | Resolution | 0.01 mg/l |
| | Accuracy | 1% ± 1 digit |
| | Calibration | 1 point |
| | Temperature compensation | 0...50°C |
| | Salinity compensation | 0...40 |
| | Air pressure compensation | 600...1300 hPa |
| | Selectable Resolution | ✓ |

| | | |
|---|---|---|
| **TEMPERATURE** | Range | -5.0...+105.0°C |
| | Resolution | 0.1°C |
| | Accuracy | 0.1°C |
| | Calibration | 1 point |
| **ION (C6030 only)** | Range | 0.01 ng/l...100 g/l |
| | Resolution | 3 digits |
| | Accuracy | 0.5% ± 1 digit |
| | Calibration | 2...5 points + blank |
| **AIR PRESSURE** | Range | 600...1300 hPa |
| | Calibration | 1 point |
| **CHANNELS** | Measurement | 1 |
| | Temperature | 1 |
| **INPUTS** | Measurement | 1 BNC, $10^{12}$Ω |
| | Temperature | 1x2 banana, for Pt1000 |
| **CALIBRATION** | Reminder | 0...999 h |
| | GLP | ✓ |
| **DISPLAY** | LCD | 128x64 pixels |
| | White back-light | ✓ |
| | Hold function | ✓ |
| | Selectable resolution | ✓ |
| | Real time clock | ✓ |
| | Built-in help | ✓ |
| | Languages | English |
| | | Dutch |
| | | French |
| | | German |
| **COMMUNICA-TION** | Interface with computer | USB |
| | Baud rate | 1200...115200 b/s |
| **DATA-LOGGING** | Data sets | 12000 + °C/date/time |
| | Modes | all |
| | Manual or timed | ✓ |
| | Interval | 1...9999 s |
| **SECURITY** | Password protection | ✓ |
| **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 |
| | Batteries (included) | 4x1.2 V, AA, NiMH |
| **DIMENSIONS** | WxDxH | 12x25x5 cm |
| **WEIGHT** | Meter | 600g |