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<https://cleaver.nt-rt.ru> || cea@nt-rt.ru

pH-метры



A high-resolution graphic screen with white backlight shows measurements and temperature. Full guidance is given by simple instructions on the display in the language of your choice (English, Dutch, French, German). A flexible electrode holder is also available.



C1010 Benchtop pH Meter

SKU: PHC1010

- **pH:** 0...14 pH
- **mV:** ± 1000 mV
- **Conductivity:** 0...100 mS/cm
- **Dissolved oxygen:** 0...20 mg/l, 0...200 %
- **Temperature:** 0...100°C
- **Resolution:** 0.01 pH, 1 mV, 0.1 μ S/cm, 0.01 mg/l (0.1%), 0.1°C

SPECIFICATIONS

| SKU | C1010 | C1010K | C1010P | C1010T |
|-----------------------------|--|--|--|--|
| Resolution | 0.01 pH, 1 mV, 0.1 μ S/cm, 0.01 mg/l (0.1%), 0.1°C | 0.01 pH, 1 mV, 0.1 μ S/cm, 0.01 mg/l (0.1%), 0.1°C | 0.01 pH, 1 mV, 0.1 μ S/cm, 0.01 mg/l (0.1%), 0.1°C | 0.01 pH, 1 mV, 0.1 μ S/cm, 0.01 mg/l (0.1%), 0.1°C |
| Temperature Range | 0-100°C | 0-100°C | 0-100°C | 0-100°C |
| Includes Electrode | No | Conductivity | pH | pH & Conductivity & DO |
| Includes Standard Solutions | false | true | true | true |
| pH Range | 0-14 | 0-14 | 0-14 | 0-14 |
| mV Range | ± 1000 mV | ± 1000 mV | ± 1000 mV | ± 1000 mV |

| | | | | |
|-------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| Conductivity Range | 0-100 mS/cm | 0-100 mS/cm | 0-100 mS/cm | 0-100 mS/cm |
| Dissolved Oxygen Range | 0-20 mg/l, 0-200 % | 0-20 mg/l, 0-200 % | 0-20 mg/l, 0-200 % | 0-20 mg/l, 0-200 % |



C51 Portable Meter

SKU: **PHC51**

- Parameters: pH, ORP, DO, EC, TDS, SAL, Temperature
- Gold Plated BNC
- Stability algorithm with intuitive indicator
- Easy to use
- Ideal for schools and small laboratories
- Portable
- Accuracy at a budgetpH/MV Channels

SPECIFICATIONS

pH

Range

0.00...14.00 pH

mV

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%

Range

±2000 mV

Resolution

1 mV

Accuracy

0.2% ± 1 digit

Calibration

1 point

CONDUCTIVITY

Range (cc dependent)

0...1000 mS/cm

Resolution (cc

0.01 µS/cm

dependent)

Accuracy

1% f.s. of range

Ranges

4

range 1 (CC = 0.1)

0.00...10.00 $\mu\text{S/cm}$

range 2 (CC = 0.1)

0.0...100.0 $\mu\text{S/cm}$

range 3 (CC = 0.1)

0...1000 $\mu\text{S/cm}$

range 4 (CC = 0.1)

0.00...10.00 mS/cm

range 1 (CC = 1)

0.0...100.0 $\mu\text{S/cm}$

range 2 (CC = 1)

0...1000 $\mu\text{S/cm}$

range 3 (CC = 1)

0.00...10.00 mS/cm

range 4 (CC = 1)

0.0...100.0 mS/cm

range 1 (CC = 10)

0...1000 $\mu\text{S/cm}$

range 2 (CC = 10)

0.00...10.00 mS/cm

range 3 (CC = 10)

0.0...100.0 mS/cm

range 4 (CC = 10)

0...1000 mS/cm

Calibration

1 point

Standards

3 pre-programmed

Cell constant (cc)

0.1/1/10 cm⁻¹ ±30%

**Temperature
compensation**

0...100°C

Reference temperature

20° or 25°C

Temperature coefficient

natural waters (EN27888)

SALINITY

Range

0...70

Reference temperature

15°C

TDS

Range

0...100.0 g/l

Resolution

0.1 mg/l

DISSOLVED

Range

0.00...20.00 mg/l (0...200%)

OXYGEN

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 -5...100°C

Resolution 0.1°C

Accuracy 0.5°C

Calibration 1 point

INPUTS

pH/mV/Dissolved Oxygen BNC, 1012 Ω

Conductivity

BNC

Temperature

2 banana, for Pt1000

COMMUNICATION

Interface with computer

USB

**STORAGE
MEMORY**

Data sets

50

CALIBRATION

GLP

ü

DISPLAY

LCD

160x160 pixels

White back-light

ü

**AMBIENT
CONDITIONS**

Temperature

0...40°C

Humidity

0...95%, non condensing

POWER SUPPLY

Low voltage

9...15 VDC

Batteries (included)

4 x 1.2 V, NiMH

DIMENSIONS

WxDxH

13x18x10 cm

WEIGHT**Meter****600 gr**

Flexible electrode holder (optional)

SKU: **SH300**

Ideally suited to the measurement of electrophoresis buffer pH, Consort pH meters may also be used to measure conductivity, total dissolved salt, salinity and temperature. Each meter may be supplied on its own, with or without the electrode, calibration buffers and standards. All meters comprise a BNC connection for connection to most electrodes commonly available on the market.

This unit has a 12 month limited warranty, for more information, consult our terms and conditions.

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