



pH	0...14 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...20 mg/l
	0...200%
Temperature	0...100°C
	(C5020 only)



One pH/mV channel
One conductivity/oxygen channel
One temperature channel

pH

Multi-point (1...3) calibration with up to three buffers out of eleven pre-programmed pH buffers.
Reads pH with 0.01 pH resolution.

mV

Features mV calibration for accurate ORP measurements.
Reads potentials with 1 mV resolution.

Conductivity

Use a 1 cm⁻¹ electrode to measure from 0.1 µS/cm to 100 mS/cm.
Use a 0.1 cm⁻¹ electrode to measure from 0.01 µS/cm to 10 mS/cm.
(C5020 only)
Use a 10 cm⁻¹ electrode to measure from 1 µS/cm to 1000 mS/cm.
(C5020 only)
Automatically selects correct range and frequency.
Selectable reference temperature: 20° or 25°C.
One-point calibration.

Dissolved oxygen

Operates with a galvanic oxygen electrode requiring no polarisation time and no zero calibration.
Reads dissolved oxygen with 0.01 mg/l or 0.1% resolution.
Rapid air calibration.

Temperature

Reads temperatures with 0.1°C resolution.
Manual or automatic temperature compensation.
Calibrates temperature probe for quality measurements.

Inputs

One common input for pH and mV.
One common input for conductivity and dissolved oxygen.
One input for a Pt1000 automatic temperature probe.

Display

Bright LCD screen for better readability.
A white backlight automatically illuminates when operated on the mains.
Stability indicator prompts the user when readings should be taken.
The interactive LCD screen provides step by step instructions in the language of your choice (English, Dutch, French, German).
Shows a GLP report on the LCD screen.

Data-logging (C5020 only)

Storage memory for 300 values including temperature.

Cabinet

Robust dust and splash-proof cabinet.

Special features

Three year warranty.
Mains and rechargeable battery operation with programmable automatic switch-off.
Optional 12 V car adaptor.

Pre-programmed standards

pH buffers: 1.68, 2.00, 4.00, 4.01, 6.87, 7.00, 9.18, 9.21, 10.01, 12.00, 12.45 (at 25°C).
Conductivity: 1413 µS/cm, 12.88 mS/cm, 111.8 mS/cm (at 25°C).