

**C562** pH • mV • Conductivity • Salinity • TDS • Oxygen • Temperature

pH	0...14 pH
mV	±1000 mV
Conductivity	0...1000 mS/cm
Salinity	0...70 ppt
TDS	0...100 g/l
Dissolved Oxygen	0...20 mg/l 0...200%
Temperature	0...100 °C



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

- pH**  
 Automatic calibration with one up to three buffers out of nine 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**  
 Extended conductivity range; to measure the full range from 0.01 μS/cm to 1000 mS/cm requires 3 electrodes: 0.1, 1 and 10 cm<sup>1</sup>.  
 Selectable reference temperature: 20° or 25°C.  
 Automatically selects correct range and frequency.  
 Automatic cell constant determination with any of three pre-programmed standards (0.01, 0.1 or 1M KCl).
- 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.  
 Manual salinity compensation 0-40 ppt.  
 Manual air pressure compensation 800-1200 hPa.
- 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.  
 Low voltage DC input for a mains adaptor.
- 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**  
 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.

CODE	DESCRIPTION
C562	meter only option comprises meter + manual + 4 NiMH batteries + mains adaptor
C562X	meter kit without electrodes: C562 + 2x50 ml buffers (pH 4 and 7) + 50 ml electrolyte (3M KCl) + 50 ml conductivity standard (0.01M KCl) + carrying case
C562P	pH/°C meter kit: C562 + pH/ATC electrode SP10T + 2x50 ml buffers (pH 4 and 7) + 50 ml electrolyte (3M KCl) + carrying case
C562K	μS/mS/°C meter kit: C562 + conductivity/ATC electrode SK10T + 50 ml conductivity standard (0.01M KCl) + carrying case
C562Z	O <sub>2</sub> /°C meter kit: C562 + dissolved oxygen electrode SZ10T + carrying case
C562T	pH/μS/mS/O <sub>2</sub> /°C meter kit: C562 + pH electrode SP10B + conductivity electrode SK10B + dissolved oxygen electrode SZ10T + ATC probe ST10N + 2x50 ml buffers (pH 4 and 7) + 50 ml electrolyte (3M KCl) + 50 ml conductivity standard (0.01M KCl) + carrying case
A4049	12 V car adaptor (optional)

→ Add a \$-sign for 120 VAC versions, e.g.: C562\$