

# SELECTION GUIDE

## Electrochem Portable GLP Meters



www.ionode.com  
8/148 Tennyson Memorial Ave. Tennyson Qld.  
07 3848 1660



**CP-401** pH, Temp

### WATERPROOF pH-METER

- CP-401 won Gold Medal at EUROLAB fair.
- Accurate pH, mV and temp measurements
- Precise mV/ORP measurements with 0.1mV resolution
- Brightness controlled backlit LCD display
- Field and laboratory use
- Waterproof housing (IP-66)
- Store up to 3 different cell calibration data
- GLP - storage of up to 4000 sets of time/date stamped results
- Auto switch off function
- Download data to PC via optional PC software
- Dual power / rechargeable battery or adapter



**CC-401** EC, Sal, TDS

### WATERPROOF CONDUCTIVITY / SALINITY METER

- CC-401 won Gold Medal at EUROLAB fair.
- Accurate conductivity, salinity, TDS and temp measurements
- Wide measurement range - up to 1,999.9 mS/cm
- Brightness controlled backlit LCD display
- Field and laboratory use
- Waterproof housing (IP-66)
- Auto switch off function
- Automatic switching of conductivity (6 ranges)
- Selectable temperature coefficient and reference temperature
- Store up to 3 different cell calibration data
- GLP - store up to 4000 sets of time/date stamped results
- Download data to PC via optional PC software
- Dual power / rechargeable battery or adapter
- Calibration by entering cell constant or use calibration standard
- Temperature coefficient adjustable between 0 to 10%/°C
- TDS factor adjustable from 0.2 to 1.0
- Cell constant K range from 0.01 to 19.999



**CX-401** Multi Parameter

### WATERPROOF MULTI-PARAMETER

- Cx-401 won Gold Medal at EUROLAB fair.
  - Accurate measurement of pH, ORP, EC, DO, Temp. (electrode dependant)
  - pH & EC circuitry galvanically isolated to prevent interference
  - Conversion of conductivity to salinity in NaCl /KCl
  - EC temp coefficient can be set between 0.00 - 10.0%/C
  - DO measurement with correction for pressure & salinity
  - Internal storage of up to 4000 time/date stamped results
  - Download data to PC via optional PC software
  - Brightness controlled backlit LCD display
  - 24 month warranty
- Specifications (pH)**
- pH calibration using 1 to 5 points
  - pH calibration using NIST buffers or user specified
  - Auto or manual temp compensation
- Conductivity**
- Calibration by entering cell constant or use calibration standard
  - Temperature coefficient adjustable between 0 to 10%/°C
  - TDS factor adjustable from 0.2 to 1.0
  - Cell constant K range from 0.01 to 19.999

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# SPECIFICATIONS

(subject to change)



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400 series GLP meters all feature:

- Easy-to-read back lit LCD
- Waterproof IP-66
- Precise readings
- Dual power (Batt or AC)
- Data logging capability
- GLP compliance

## CP-401 pH, Temp



Function	pH	mV	°C
Range	-2.000 ÷ 16.000 pH	±1999.9 mV	-50.0 ÷ 199.9 °C
Resolution	0.001 pH or 0.01 pH	0.1mV	0.1 °C
Accuracy* (± 1 digit)	±0.002 pH	±0.1 mV	±0.1 °C*
Input impedance	10 <sup>12</sup> Ω		
Compensation range	-5 ÷ 110.0 °C		
Power	rechargeable battery 2 x AA 1.5V, 6V power adapter		
Dimens. (mm) / Weight	L=149, W=82, H=22 / 220 g		

## CC-401 EC, Temp



Function	Conductivity	Salinity	Temperature
Range	0 ÷ 2000 mS/cm, autorange	0 ÷ 200 g/l KCl 0 ÷ 250 g/l NaCl	-50.0 ÷ 199.9 °C
Accuracy (± 1 digit)	0.1%; > 20 mS/cm: 0.25%		±0.1 °C*
Temp. compensation	-5 ÷ 70 °C	-5 ÷ 70 °C	-
Power	Rechargeable batteries: 2x AA 1.5V or power adapter: 6V		
α coefficient range	0 ÷ 10 %/°C		
Dimensions / Weight	L = 149; W = 82; H = 22 / 220 g		

## CX-401 Multi parameter



Function	O2 mg/l	O2 %	°C	pH	mV	Conductivity, salinity
Range	0 ÷ 60	0 ÷ 600	-50.0 ÷ 199.9	- 2.000 ÷ 16.000	±1999.9 mV	0 ÷ 1999.9 mS/cm 0 ÷ 200 g/l KCl 0 ÷ 250 g/l NaCl
Accuracy (± 1 digit)	0.1 mg/l	1%	±0.1 °C* (meter)	±0.002 pH	±0.1 mV	0, 1% > 20 mS/cm: 0.25%
Temp. compens.	0 ÷ 40 °C	0 ÷ 40 °C	-	-5 ÷ 110 °C	-	-5 ÷ 70 °C
Input impedance	-	-	-	10 <sup>12</sup> Ω	10 <sup>12</sup> Ω	-
Pressure range	800 ÷ 1100 hPa					
Dimens. (mm)	L = 149, W = 82, H = 22					

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