

Multi-parameter analysers

Multi-parameter Analyzer simultaneously measures Ion, Conductivity, Dissolved Oxygen, Temperature that otherwise requires four different meters. With the appropriate probes installed, it can also simultaneously measure several or one parameters.

Features:

- Gold Plated BNC
- Multichannel
- Pre-programmed standards
- pH: 11 preprogrammed + 5 user editable
- Conductivity: 3 preprogrammed + 3 user editable
- No interference between electrodes
- Stability algorithm with intuitive indicator
- Hold function
- Selectable resolution
- Range lock
- Capacitive compensation
- Galvanic isolated USB interface
- High Accuracy
- Free software and firmware updates



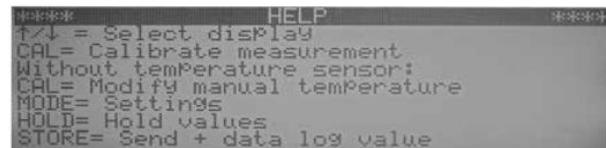
specifications

- Measurement Channels :2 to 8
- Temperature Channels :2
- pH -2.000...+20.000 pH
- mV ±2000.0 mV
- Ion 0.01 ng/l...100 g/l (C3230 only)
- 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

pH	Range	-10.000...+20.000 pH
	Resolution	0.001 pH
	Accuracy	0.1% ± 1 digit
	Calibration	1...5 points
	Buffers	11 pre-programmed 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 3 user specified
	Cell constant (cc)	0.07...13 cm-1
	Temperature compensation	-5...+105°C or off
	Reference temperature	20°, 25°C
	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	-30.0...+130.0°C
	Resolution	0.1°C
	Accuracy	0.1°C
	Calibration	1 point
ION (C303x 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	2
	Temperature	2
INPUTS	Measurement	2 BNC, 10 ¹² Ω
	Temperature	2x2 banana, for Pt1000
CALIBRATION	Reminder	0...999 h
	GLP	✓
DISPLAY	LCD	240x64 pixels
	White back-light	✓
	Hold function	✓
	Selectable resolution	✓
	Real time clock	✓
	Built-in help	✓
	Languages	English Dutch French German
COMMUNICATION	Interface with computer	USB/RS232
	Baud rate	1200...115200 b/s
	Printer	✓
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
DIMENSIONS	WxDxH	26x18x9 cm
WEIGHT	Meter	1 kg

Note: Picture just for references



Order Line:

EPL 3210 2 channel pH/conductivity/DO meter

EPL 3230 2 channel pH/Ion/conductivity/DO meter

Kits options

- EPL 32xxP pH meter kit, glass electrode meter + pH electrode SP20T + 2x50ml pH buffers + 50ml electrolyte
- EPL 32xxPE pH meter kit, epoxy electrode meter + pH electrode SP10T + 2x50ml pH buffers + 50ml electrolyte
- EPL 32xxK EC meter kit, glass electrode meter + EC electrode SK20T + 50ml EC standard
- EPL 32xxKE EC meter kit, epoxy electrode meter + EC electrode SK10T + 50ml EC standard
- EPL 32xxPK pH/EC meter kit, glass electrodes meter + pH electrode SP20T + EC electrode SK20T + 2x50ml pH buffers + 50ml electrolyte + 50ml EC standard
- EPL 32xxPKE pH/EC meter kit, epoxy electrodes meter + pH electrode SP10T + EC electrode SK10T + 2x50ml pH buffers + 50ml electrolyte + 50ml EC standard
- EPL 32xxZ Oxygen meter kit meter + DO electrode SZ20T
- EPL 32xxT Complete meter kit, glass electrodes (DO epoxy)
- meter + pH electrode SP20T + EC electrode SK20T + 2x50ml pH buffers + 50ml electrolyte + 50ml EC standard + DO electrode SZ20T
- EPL 32xxTE Complete meter kit, epoxy electrode meter + pH electrode SP10T + EC electrode SK10T + 2x50ml pH buffers + 50ml electrolyte + 50ml EC standard+ DO electrode SZ20T
- EPL 32xxX Meter kit without electrodes meter + 2x50ml pH buffers + 50ml electrolyte + 50ml EC standard
- SH300 Flexible electrode holder (optional)