EZ1000 Series Online Colorimetric Phenol Analyser

Applications

- Wastewater
- Drinking water
- Surface water



Single and multiple parameter water analysis for industrial and environmental applications

Since their introduction in 2009 the EZ1000 Series of Online Colorimetric Analysers have served in hundreds of industrial water, drinking water and municipal water applications. The flexible analyser mainframe allows a perfect online duplicate of any standard/laboratory wet-chemical method, with outstanding precision and accuracy.

The EZ1000 Series online analysers stem from many years of analytical expertise and application knowledge in colorimetry in an attractive, yet rugged mainframe with a compact footprint, harnessing the following features:

- Excellent analytical performance
- Smart automatic features
- Control and communication via industrial panel PC
- Standard 4 20 mA signal output with alarm processing
- Communication supporting Ethernet connectivity to Modbus TCP/IP
- Higher measuring ranges: internal sample dilution
- Multiple stream analysis

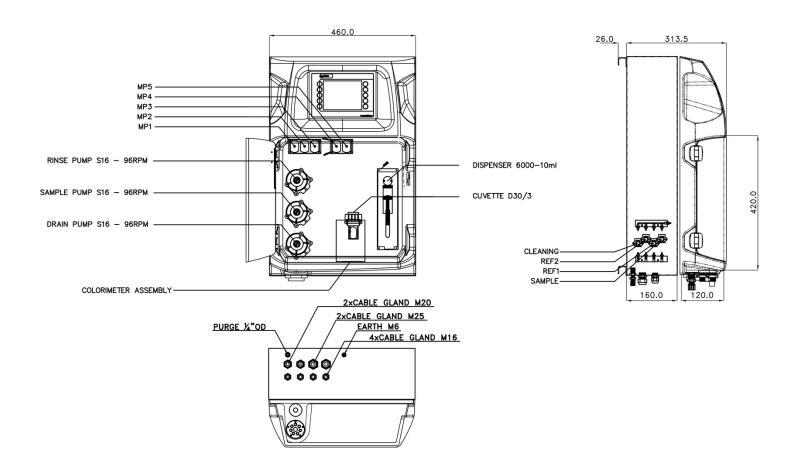


Technical Data*

Measurement method Control Measuring range Orange Precision Bear Detection limit < 8	utomatic, 2-point; frequency freely programmable utomatic; frequency freely programmable 0 - 30 °C ± 4 °C deviation at 5 - 95% relative humidity (non-condensing) eep between 10 - 30 °C y external overflow vessel 00 - 300 mL/min 0 - 30 °C laximum particle size 100 µm, < 0.1 g/L; Turbidity < 50 NTU 10 - 240 VAC, 4 A, 50/60 Hz
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Demineralised waterFoDrainAtEarth connectionDrAnalogue outputsAc	ax. power consumption: 150 VA
DrainAtEarth connectionDrAnalogue outputsAc	ry and oil free according to ISA-S7.0.01-1996 quality standard for instrument air
Earth connection Dr Analogue outputs Ac	or rinsing and/or dilution
Analogue outputs Ac	tmospheric pressure, vented, min. Ø 64 mm
	ry and clean earth pole with low impedance (< 1 Ohm) using an earth cable of > 2.5 mm ²
	ctive 4 - 20 mA max. 500 Ohm load, standard 1, max. 8 (option)
Digital outputs Op	ptional: RS232, Modbus (TCP/IP, RS485)
Alarm 1:	x malfunctioning, 4 x user-configurable, max. 24 VDC/0.5 A, potential free contacts
Protection class An	nalyser cabinet: IP55 / Panel PC: IP65
	inged part: Thermoform ABS, door: plexiglass /all section: Galvanised steel, powder coated
Dimensions (H x W x D) 69	90 mm x 465 mm x 330 mm
Weight 25	
Certifications	5 kg

*Subject to change without notice.

Dimensions



Be confident with Hach Service

Start-Up/Commissioning: Our service technicians visit your site and setup instrumentation, provide basic end-user training on operations and maintenance, and validate settings and performance to get you started.

Service Agreement: Hach provides on-site and in-factory repair, preventive maintenance, and calibration programs for your instruments to ensure reliability and instrument up-time. We have services to fit your specific needs.

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Order Information - Part Number Configurator

Measurement range settings / Dilution options	Phenol, 0 - 2 mg/L EZ1030.99	Х	Х	Х	Х	Х	2
Standard range	10% of standard range						
Internal micropump dilution (factor 4) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	50% of standard range	С					
Internal dispenser dilution (max. factor 100)	Internal micropump dilution (factor 4)	1					
Standard 110 - 240 VAC; 50/60 Hz 0 Customised 2 Number of sample streams 1 1 stream 1 2 streams 2 3 streams 4 4 streams 5 6 streams 6 7 streams 7 8 streams 7 8 streams 7 8 streams 7 8 streams 1 2x mA 2 3x mA 3 4x mA 4 5x mA 3 4x mA 4 5x mA 5 6x mA 5 7x mA 7 8x mA 3 4x mA 6 7x mA 7 8x mA 8 8c322 A Modbus TCP/IP B Modbus R5485 E 2x mA + Modbus R5485 E 2x mA + Modbus R5485 F 3x mA + Modbus TCP/IP J 4x mA + Modbus TCP/IP L 2x mA + Modbus TCP/IP <td>Internal dispenser dilution (max. factor 100)</td> <td>5</td> <td></td> <td></td> <td></td> <td></td> <td></td>	Internal dispenser dilution (max. factor 100)	5					
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1 stream							
2 streams	Number of sample streams						
3 streams	1 stream			1			
4 streams	2 streams			2			
5 streams 5 6 streams 7 7 streams 7 8 streams 8 Cutputs 1x mA 1 2x mA 3 4x mA 4 5x mA 4 6x mA 5 6x mA 6 7x mA 7 8x mA 8 RS232 A Modbus TCP/IP B Modbus RS485 C 1x mA + Modbus RS485 E 2x mA + Modbus RS485 G 3x mA + Modbus RS485 H 1x mA + Modbus TCP/IP I 2x mA + Modbus TCP/IP J 3x mA + Modbus TCP/IP K 4x mA + Modbus TCP/IP K 4x mA + Modbus TCP/IP L 2x mA + Modbus TCP/IP L	3 streams			3			
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