Polymetron 9611 sc Online Phosphate Analyser

Product #:	**9611.KTO.PX.XXX**
AED Price:	Contact Hach

Lower Maintenance, Less Downtime

Reliable online phosphate analyser that saves critical time and effort. Available with 1/2/4 channels and including reagent set for startup and up to 90 days of use.

The industry's only pressurised reagent delivery system eliminates the frequent maintenance associated with pumps. Unplanned downtime is avoided by predictive diagnostic tools, including the PROGNOSYS technology, warning LEDs and high-visibility notification screens.

The analyser can be used with customer-defined reagents or ready-made reagents of our house that are formulated for optimal accuracy and designed with convenient features like colour-coded caps and sealed bottles allowing quick and clean reagent replacement. Only 2 litres of each reagents are required for the analyzer to perform unattended for up to 90 days.

Grab Sample In and Out features allow quick analysis of a grab sample poured into or collect from the analyzer to verify in the lab.

PROGNOSYS ensures confidence in your instrument readings. PROGNOSYS will monitor, provide reliable instrument measurement values and identify when upcoming maintenance tasks are due in an easy-to-read colour display.

Low maintenance

Reduced downtime

User-defined reagents that meet individual needs

90 days of continuous runtime

Easily verified with our lab products - no time wasted by second-guessing

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Specifications

Accuracy:	LR model: ±4 µg/L or ±4% of reading, whichever is greater; HR model: ±500 µg/L or ±5% of reading, whichever is greater (Tested with Hach reagents)
Alarm:	Four relays output; type: not powered SPDT relays, each rated at 5 A resistive, 240 VAC maximum Connection: 0.82 to 2.08 mm^2 wire (18 to 14 AWG), 0.82 mm^2 stranded (18 AWG) recommended

Application:	Pure water / Power
Certifications:	CE (EN 61326-1: 2006; EN 61010-1: 2010; EN 60529: 1991, +A1:2000)
	KC (EN 61326-1: 2006)
	C-tick (EN 61326-1: 2006)
	cETLus (UL 61010-1: 2012; NEMA 250: 2003; CSA C22.2 No 61010-1: 2012)
Controller compatibility:	SC200, SC1000
Detection limit:	LR model: 4 µg/L
	HR model: 200 µg/L
Dimensions (H x W x D):	804 mm x 452 mm x 360 mm
Enclosure waterproof rating:	IP56 / NEMA 4X
Fitting:	Sample line and sample bypass drain: 6 mm (¼-in.)
	Air purge inlet: 6 mm (¼-in.) Chemical and case drains: 9.5 mm (3/8-in.)
Flow rate:	55 - 300 mL/min
Grab sample:	Grab Sample In and Grab Sample Out capability
Light source:	Class 1M LED (light emitting diode) with a peak wavelength of 810 nm
Manual languages:	English
	French
	Spanish
	B.Portuguese
	Chinese
	Japanese
	Korean
	Thai
	German
	Italian
	C.Portuguese
	Czech
	Danish
	Dutch
	Polish
	Swedish
	Finnish
	Bulgarian
	Hungarian
	Romanian

	Lithuanian
	Russian
	Turkish
	Slovak
	Slovenian
	Croatian
	Greek
	Estonian
Measuring principle:	Colorimetric
Measuring range:	LR model: 4 - 3000 µg/L as PO_4 [Detection range capable of 4 - 5000 µg/L as PO_4]
	HR model: 200 - 50000 µg/L as PO_4
Mounting:	Wall, panel or table
Number of channels:	1, 2, 4; programmable sequence
Operating humidity:	5 - 95 % non-condensing (indoor use only)
Operating temperature range:	5 - 45 °C
Output:	4 - 20 mA
Pollution degree:	2/II
Power requirements (Hz):	50/60 Hz
Power requirements (Voltage):	100 - 240 V AC, 24 V DC
Protection class:	I
Reagent consumption:	2 L of each reagent every 90 days with 15 minute cycle time
Relays:	Four; type: not powered SPDT relays, each rated at 5 A resistive, 240 VAC maximum
Repeatability:	LR model: ±1%
	HR model: ±500 µg/L or ±5% of reading, whichever is greater
Response time:	Typically, 9 minutes at 25 °C; changes with temperature
Sample pressure:	0.14 - 6 bar (to preset pressure regulator)
Sample temperature:	5 - 50 °C
Storage conditions:	-20 - 60 °C
Weight:	20 kg without reagents and standards, 36.3 kg with reagents