



Polymetron 9500 Controller, 100-240 VAC, two pH/ORP sensor inputs, Modbus 232/485, two 4-20 mA outputs

Product #: 9500.99.01774

AED Price: Contact Hach

One controller for a broad range of sensors.

A complete water analytics system designed for the Power industry. Hach provides a broad range of product options made to work together as flexible solutions to meet your unique needs. The comprehensive approach saves you time on design, installation, training, maintenance, and operation.

Save time on design

A single design source and one product platform means you spend less time searching for design files or configuring components. Create and reuse your optimal design templates.

Accelerate your installation

One source, interchangeable components, a common user interface, and one support team make installation faster and less complicated. Quickly and easily transfer user settings between controllers.

Reduce training complexity

A single platform minimises time required to teach and learn product operations, getting new systems in use faster.

Simplify maintenance and operation

Common menu guides reduce variability and provide step-by-step procedures for maintenance and calibration. Standard visual alerts across parameters notify operators when troubleshooting is required.

Specifications

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|----------------------------------|---|
| Analogue output functional mode: | Linear, Logarithmic, Bi-linear, PID |
| Analogue outputs: | Two (Five with optional expansion module) 0/4 to 20 mA isolated current outputs, max. 550 Ω , Accuracy: $\pm 0.1\%$ of FS (20 mA) at 25 °C, $\pm 0.5\%$ of FS over -20 °C to 60 °C range |
| Communication capabilities: | Modbus RS232/RS485 |
| Communication: digital: | MODBUS RS232/RS485, PROFIBUS DPV1, HART optional |
| Conduit openings: | 1/2" NPT Conduit |
| Dimensions (H x W x D): | 144 mm x 144 mm x 181 mm |
| Display: | Graphic dot matrix LCD with LED backlighting, transreflective |
| Display resolution: | 240 x 160 pixels |
| Display size: | 48 x 68 mm |
| Electrical Certifications: | EMC |
| | CE compliant for conducted and radiated emissions: |
| | - CISPR 11 (Class A limits) |

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| | - EMC Immunity EN 61326-1 (Industrial limits) |
| | Safety |
| | cETLus safety mark for: |
| | - General Locations per ANSI/UL 61010-1 & CAN/CSA C22.2. No. 61010-1 |
| | cULus safety mark |
| | - General Locations per UL 61010-1 & CAN/CSA C22.2. No. 61010-1 |
| Enclosure waterproof rating: | IP66 / NEMA 4X |
| Length: | 181 mm |
| Manual languages: | Bulgarian, Chinese (PRC), Croatian, Czech, Danish, Dutch, English, Estonian, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Korean, Lithuanian, Polish, Portuguese (Brazil), Portuguese (Portugal), Romanian, Russian, Slovak, Slovenian, Spanish, Swedish, Thai, Turkish |
| Material: | Polycarbonate |
| | Aluminium (powder coated) |
| | Stainless Steel |
| Mounting configurations: | Wall |
| | Pole |
| | Panel Mounting |
| Operating temperature range: | -20 - 60 °C at 0 - 95% RH (non-condensing) |
| Power Options: | 100-240V, no power cord |
| Power requirements (Hz): | 50 - 60 Hz |
| Power requirements (Voltage): | 100 - 240 V AC |
| Relay functions: | Scheduler (Timer), Alarm, Feeder Control, Event Control, Pulse Width Modulation, Frequency Control, and Warning |
| Relay: Operational mode: | Primary or secondary measurement, calculated value (dual channel only) or timer/scheduler |
| Relays: | Four electromechanical SPDT (Form C) contacts, 1200 W, 5 A |
| Security levels: | 2 |
| Sensor input: | pH/ORP |
| Storage conditions: | -20 °C - 70 °C |
| Warranty: | 24 months |
| Weight: | 1.70 kg |
| What's included?: | Controller, mounting hardware, basic user manual |

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