



QED

QED Micropurge MP10, MP10H and MP10UH Controller

Pine Item #51873

DESCRIPTION:

Available Models: MP10, MP10H, and MP10UH

The MicroPurge® basics™ MP10 Controller revolutionizes low-flow sampling with advanced logic control of purge flow and well drawdown. Simple up-down arrow keys increase and decrease purge flow, driving a microprocessor to recreate expert techniques for low-flow adjustment. Then, optimized settings are identified for recall in the next round of sampling.

The MicroPurge Controller, MP-10 is used to regulate the gas pressure going into the bladder pump based on the pumping depth. It also controls the purge cycles of the pump. The gas pressure squeezes on the bladder, forcing the water out of the bladder and into the discharge tubing. When the gas pressure is released the bladder expands and allows water to fill the bladder for another purge.

The MP10 also offers an easy way to prevent excessive monitoring well drawdown during purging, by linking to the optional MP30 Drawdown/Water Level Meter.

The lightweight, compact MP10 sets the pace for a new generation of genuine MicroPurge basics equipment, first in control and power for low-flow sampling.

Simple, stable, repeatable flow rate setting

The MP10 puts you in control of the most advanced low-flow sampling system ever made. You will purge and sample quickly and easily, with precise, steady low-flow pumping rates from one sampling event to the next.

Multi-mode digital control

The MP10 gives you three easy-to-use operating modes, to cover every sampling protocol and situation.

FEATURES:

- MicroPurge Control Mode uses simple arrow keys to adjust low-flow rates
- Integrated microprocessor enables users to recreate flow adjustment strategies
- Multi-Mode digital control with MicroPurge and ID Mode for repeat events and manual control
- Weatherproof controls in a rugged, compact case
- Full digital display of all setting and status information

APPLICATIONS:

- Sampling inorganic, organic, and biological groundwater parameters
- Groundwater sampling and control
- Low flow water sampling

Contact a Pine branch near you to request a quote or place an order

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Product Specifications

Temperature Range:	Operating range of -20° F to +150° F
Humidity:	Circuitry sealed to provide operation to 100% humidity
Protection:	Circuitry protected against transient surges introduced from improper battery installation or switch connections.
Display:	LCD display, 32-character (2 lines, 16 characters, each)
Window:	Non-glare, double hardened optical acrylic
Battery type:	3 user replaceable AA alkaline cells
Drain:	Unit off: 2mA, Unit on: 4mA, Valve Cycle: 6mA
Reserve:	100 hours operating time (1sec/1sec cycles) with fresh AA alkaline cells At 65° F (approx.)
Emergency battery:	3 AA cells stored within battery compartment



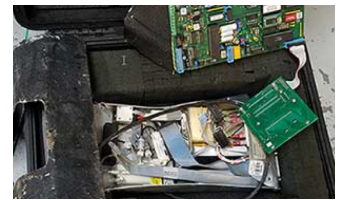
Local Delivery Pick-up



In-Stock Equipment



Repair & Calibration



Rental Protection Plan