

Qteq's Low Flow Pump Controller enables ground water samples to be captured at low rates using advanced logic control of purge flow and well drawdown. Flow must be minimized to preclude the entrainment of sediment in the water to be collected as a sample. Simple user interface and controls allow operators to adjust flow rates easily, using a micro-processor to re-create the flow adjustment strategies used by experienced ground water samplers. Optimized settings are stored for recall for future sampling programs. The unit is designed to operate in all weather conditions, and can use either compressed air or nitrogen as the pump driving fluid. All electronics and pneumatic regulators are housed in a rugged and light weight carry case, easily transported and handled by a single operator.



Features and Benefits

- Rugged and compact construction.
- Simple and easy to use interface.
- Weatherproof controls.
- Full digital display of all settings and status information.
- Quick-connect pneumatic lines for quick and easy setup.
- Automated cycling, once parameters are set.
- Steady low-flow sampling with minimal wellbore fluid disturbance.

Specifications

Dimensions	270x250x130 mm
Weight	9 kg
Maximum Pressure	120 psi
Maximum Pump Depth	180 m
Operating Temperature	-29 °C to 66 °C
Battery Life	50,000 cycles @ 21 °C
Air Supply	Compressed Air, Nitrogen
Connections	Pneumatic Quick Connect
Transport	Rugged Pelican Case