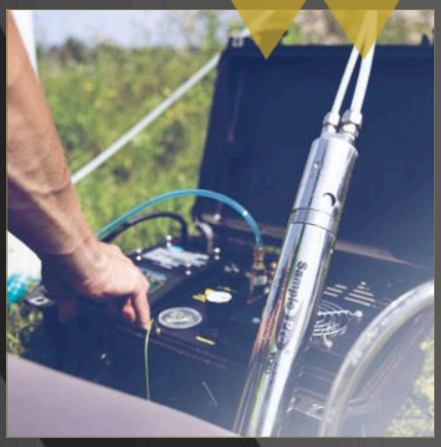
VAN WALT
premium products recommended by us

QED Bladder Pump

The Sample Pro Portable Pump is developed specifically to bring the advantages of low-flow sampling to sites requiring portable pumps.

The QED MP50 is a compact, lightweight, and portable controller/compressor system, engineered specifically for efficient operation of the QED bladder pump in groundwater sampling and monitoring applications.



Features

- Integrated controller and compressor in one durable unit
- Simple digital controls and pressure adjustments for precision sampling
- Higher flow rate compared to other Bladder Pumps
- Available with 19mm or 44mm bladders
- Robust and easy to setup
- Easy to replace LDPE bladders
- Water inlet is higher up the pump, so less likely to clog up with silt and sediment
- Micro purge mode - 4 cycles / minute
- Lightweight and field-ready – easy to transport and operate on-site
- Maximum operating depth: 60 metres. For greater depths the unit is supplied with a port for an external air supply. This to be used with an optional drop tube assembly
- Compatible with standard tubing
- The MP50 allows user to vent moisture from the controller
- Fast and easy service for quick turn-around between sample wells
- Long-lasting lithium battery
- Available for hire and purchase

Dimensions	Diameter: • 44.5 mm Length: • 37.5 cm w/ Push-In Fittings • 41.9 cm w/ Compression Fittings • 30.8 cm Bottom of pump to centerline of inlet
Weight	1.93 kg
Material	303 Stainless Steel
Flow rate	10mm. OD Discharge Tubing, 3m. submergence: 1.6 l/pm @ 7.6m. 0.75 l/pm @ 30m. 6.4mm. OD Discharge Tubing, 3m. submergence: 1.25 l/pm @ 7.6m. 0.55 l/pm @ 30m.
Fittings (Air)	6.4 mm OD x 4.7 mm ID
Fittings (Discharge)	9.5 mm OD x 6.4 mm ID or 6.4 mm OD x 4.7 mm ID
Pump Volume	Approx. 100 ml/stroke

Compatibility Options

- V12.20.03 Polyethylene tubing 4x6mm
- V12.20.04 Polyethylene tubing 6x8mm
- 38500 - Bladders for 19mm Bladder Pump (pack 10)
- Q38360 - Bladders for 44.4mm Bladder Pump (pack 10)
- 51150100902 - Dyneema 100m reel

Applications

- Low-flow purging and sampling
- Groundwater monitoring
- Environmental site assessments