

CMT Multilevel Monitoring Options

Water levels and samples can be accurately obtained using the following high quality Solinst instruments.

Water Level Measurement

Water Level Meter Model 102

A narrow coaxial cable Model 102 Water Level Meter with a 1/4" dia. probe can be used to monitor water levels in any CMT Channel.



Well Completion

Tag Line Model 103

The Tag Line is ideal to aid accurate placement of sand and bentonite during borehole completion.



Sampling Methods

Depending on the depth to water at your site, and your sampling protocol, Solinst offers various sampling options.

Peristaltic Pump Model 410

Ideal for sample retrieval from shallow water levels less than 30ft (9m).



Mini Inertial Pump

This Mechanical pump is used 1/4" LDPE tubing. Typical flow rates of 50 to 250 mL/min. Suitable for use to depths of approximately 150 ft. (45m). If the water level on your site is deeper than 50ft (15m), Teflon® tubing is recommended.



Micro Double Valve Pump Model 408M (3/8" Dia.)

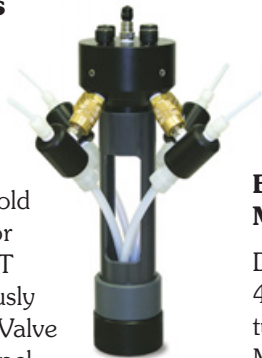
The Small and flexible design makes this gas drive pump ideal for delivering high quality samples, in combination with the Model 466 Electronic Control Unit. Flow rates of 20 to 150 mL/min make the 408M suitable for low flow sampling applications. Constructed of stainless steel and LDPE for lengths less than 50ft (15m) and Teflon® tubing for any depths up to 250ft (75m) applications. This is the only viable option in wells with depth to water over 150 ft. (45m).



408 Accessories

Multi-Purge Manifold

A multi-purge manifold can be considered for purging multiple CMT channels simultaneously using Micro Double Valve Pumps in each channel.



Electronic Control Unit Model 466

Durable & easy to operate with the 408M, by using the presets and fine tuning capabilities built into the Solinst Model 466 Electronic Control Unit.



Vapor Monitoring & Wellhead Seal Assembly

Channel seal assemblies are available to seal the CMT channels in case of flowing artesian conditions, or for vapor monitoring. If desired, a 3-way valve can be attached to the seal assembly directing vapor to a pressure gauge connected at one end of the valve and a sample vessel at the other.



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