

CMT Multilevel Monitoring Options

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

Water Level Measurement

Model 102 Water Level Meter

The narrow coaxial cable Model 102 Water Level Meter and 102M Mini Water Level Meter with a 1/4" (6.3 m) dia. probe can be used to monitor water levels in open tubes. The coaxial cable is accurately laser marked every 1/100 ft or mm.



Well Completion

Model 103 Tag Line

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

The durable cable is laser marked every 1/4 foot or 5 cm.



Sampling Methods

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

Model 410 Peristaltic Pump

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



Mini Inertial Pump

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



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

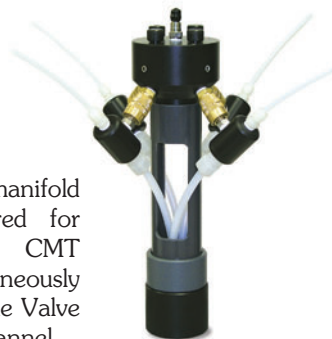
The Small and flexible design makes this gas drive pump ideal for delivering high quality samples, in combination with the Model 464 Electronic Control Unit. Flow rates of 20 to 150 mL/min make the 408M suitable for low flow sampling applications. Constructed of stainless steel and LDPE for lengths less than 50 ft. (15 m) and Teflon tubing for any depths up to 250 ft. (75 m) applications. This is the only viable option in CMT wells with depth to water over 150 ft. (45 m).



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.



Model 464 Electronic Control Unit

Durable and easy to operate with the 408M by using built-in presets, or customized saved settings.



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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