Precision Dual Range Controllers

Precision Dual Range Controllers allow precise control of the cycle time and the air pressure supplied to the bladder pump. This degree of control makes it easy to obtain a repeatable sample. Two independent air pressure regulators with gauges are provided to allow precise control of the applied pressure in ranges of 2-50 psig and 5-100 psig. The encapsulated timer module provides accurate, independent timing of the pressure and exhaust cycles from 0.1 to 10 seconds.

The standard controller has no compressor and requires an external air source. Alternatively and for convenience, we offer a compressor/controller with a built-in, DC powered compressor. This unit is designed for use in wells with depths of 50 ft or less. An external air source can be used for deeper applications.

Both Controllers are powered by an internal lead acid gel cell battery. The standard controller (without compressor) will operate continuously for approximately 2-3 days. The controller with built-in compressor will operate continuously for approximately 1½ hours on a fully charged battery. The use of an external 12 V marine battery is recommended for longer operating periods. Includes 110 V (ac) charger and 12 V auto adapter.

Tubing, Cable

For a comprehensive selection table, see page 19.