Electrical Submersible Sampling Pump

Geotech Reel E-Z® Portable Pumping and Sampling System

The Geotech Reel E-Z® is a compact system designed to provide a convenient way to store and operate a Grundfos® MP1 2” Pump. When used with the Happy Hose!® (cable, tubing, and safety cable bonded together) the system easily installs the pump in the well, locks it in place and allows for easy take up and cleaning without cable entanglement. The roller guide protects the cable from well damage and the Reel E-Z can accommodate both above, and below-grade well applications.

FEATURES
- Lightweight aluminum
- One-person portability
- 250’ (76.2m) Happy Hose!® capacity
- Easy decontamination
- Cable guide for Happy Hose!®
- Installs vertically or horizontally
- Locking holster for pump storage
- Removable reel handle
- Can be shipped UPS

APPLICATIONS
- High and low flow sampling
- Portable sampling
- Portable pumping
- Well purging

OPERATION
The Geotech Reel E-Z system is used in portable sampling and pumping applications in small diameter wells as deep as 250 feet (76.2m). The system can be purchased with the optionally installed check valve to prevent back-flow, or with a wheel kit for easier transport. The system can also be installed with only the Happy Cable! (combination electrical conductors and safety wire rope) for customers that want to use the system with various types of tubing.

SPECIFICATIONS

Mechanical
- Weight: 25 lbs. (11.3 kg)
- Materials of Construction: Aluminum, PE, 300 Series S.S.
- Happy Hose!® Capacity: PVC: 200’ (61m) TLPE: 250’ (76.2m)
- Happy Cable! Capacity: 250’ (76.2m)
- Discharge Fitting: ¾” (1.9cm) S.S. standard garden hose thread
- Cable Guide: 8” (20.32cm) diameter
- Sample Hose Length: PVC: 16’ (4.9m) TLPE: 8’ (2.4m)

Electrical
- Electrical Connector: NEMA 6P rating 4-pole quick-connect
- Junction Box: NEMA 6P rating
- Happy Cable! O.D.: ¾” (1.1cm)
- Jacket: PVC or PE
- Motor Lead: PVC or PE
- Converter Cable Length: 12’ (3.7m)

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