



WATER LEVEL METERS SUIT NARROW APPLICATIONS

Solinst Model 102 Water Level Meters feature narrow diameter coaxial cable and probes to help ensure accurate manual depth to water measurements in tight spaces.

The new P10 Probe is stainless steel, 3/8 inches (10 millimetres) in diameter and features 10 segmented stainless steel weights for flexibility.

This design is ideal for greater depths (lengths up to 1,000 feet, or 300 metres), and for more easily getting around down-well instruments or other restrictions, the company said in a press release.

The new P4 Probe is 0.157 inches (four millimetres) in diameter. It has no weights, making it suitable for measuring in the channels of a Solinst

CMT Multilevel System or in narrow piezometers and open tubes.

Also available, with either probe design, is the Model 102M Mini Water Level Meter, which uses a small compact reel.

www.solinst.com

VECTOR ROD SYSTEM IMPROVES DRILLING RELIABILITY, PRODUCTIVITY

Rockmore International considers its new Vector Rod System a breakthrough in improving the performance and service life of extension drill tools in surface and underground percussive drilling applications. The new line of drill tools offers advantages in productivity and reliability, the company said in a press release.

Through research and development followed up with monitored field tests in various ground conditions, Rockmore engineers developed a new "XT" thread design that incorporates revolutionary new guided cylindrical



contact zones between the male and female thread joints. These guided surface features are located in the nose and rear of the thread connections and serve various benefits and improvements over traditional threads, Rockmore said.

The XT thread profile is based on the traditional trapezoidal "T" thread design and is compatible with industry standard thread types such as T38, T45, and T51.

The XT thread guide feature aims to improve thread alignment and reduce the impact duration when "rattling" rods,

as required in uncoupling connections. This leads to lower wasted energy transmission, cooler couplings on rods and to longer rod life.

One advantage of this rod system over traditional threaded components is its ability to create straighter holes and minimize its deviation, the company said. The guided XT thread feature increases the rigidity and stability of the connections between the shank adapters, rods, and bits so significantly that overall rod bending is minimized and hole straightness improved. This improvement allows for larger and deeper blast holes to be achieved using existing rod diameters, but only by converting to XT threaded components.

The Vector Rod System drill string components are designed to improve drilling productivity and reduce extension drilling operating costs in surface and underground percussive drilling.

www.rockmore-intl.com

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Flowing Well Packers

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