

Compaction Grout Monitor

Description

NOTE: This is a legacy and discontinued product not available for order.

The RST Compaction Grout Monitor System provides operators and engineers real-time display of key grouting parameters to enhance the understanding of site conditions. It is invaluable in providing a permanent record of key grouting parameters for quality assurance, quantity documentation, pressure and flow readings.

The data logger incorporates wi-fi that transmits data to a portable computer on which an operator can visualize displays of real-time and historical injection pressure and flows.

The RST Compaction Grout Monitor System has been developed and tested for a 2.0 in. flow tube. A short (

Compaction Grout Monitor Sensor Specifications

ITEM	SPECIFICATION
Materials	Compaction and low mobility grouts
Flow	0.2 - 5.0 CFM (2.09 - 37.4 GPM)
Temperature	-20°C to 85°C (-4°F to 185°F)
Grout Pipe Sizes	2.0 in.
Pressure Transducer	0 - 1000 or 0-2000 PSI (please specify) 0.25% FSO
Connector	2.0" heavy duty concrete placement flange
Accuracy	±2% above 0.3 CFM (after on-site calibration)

Compaction Grout Monitor Logger Specifications

ITEM	SPECIFICATION
Storage	4 MB standard memory
Data File	Comma delimited ASCII data file for post processing
Batch Control	Keypad display to file
Reading Rates	2 to 10 seconds
Real Time Graphical Display (English or SI Units)	Pressure, Flow, Injected Volume and Site Specific Information

SPECIFICATIONS