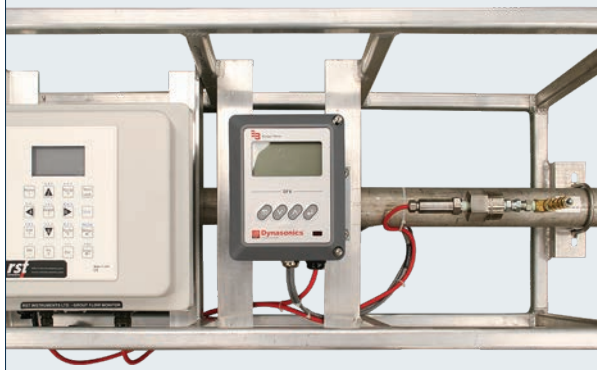


Screenshot of Real-time Monitoring Software showing grouting parameters in real-time.



Overhead, close-up view of the Compaction Grout Monitor.

	<b>PRODUCT CATEGORY:</b> GROUT MONITORS
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# Compaction Grout Monitor

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 (< 50') header connection of high pressure/low dilation, wire braid reinforced hose is recommended. For low mobility/high pressure applications, wired and wireless header pressure monitoring is available.

## > APPLICATIONS

Provide the operator with a real-time display of key grouting parameters to enhance the understanding of site conditions.

Provide a permanent record of key grouting parameters for quality assurance, quantity documentation, pressure and flow readings.

## > FEATURES

Non-invasive.

Doppler ultrasonic.

Digital flow and analog pressure on monitor.

Near-real-time computer display.

All displays in English or SI units.

### Customizable Display and Recording Options:

Pressure.

Flow.

Injected Volume.

Site Specific Information.

### Other System Features:

No cable - wi-fi to computer base station.

Unattended automatic monitoring if desired.

## 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)

## 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

## ORDERING INFO

ITEM	PART #
2" Compaction Grout Monitoring System	ELGL7001