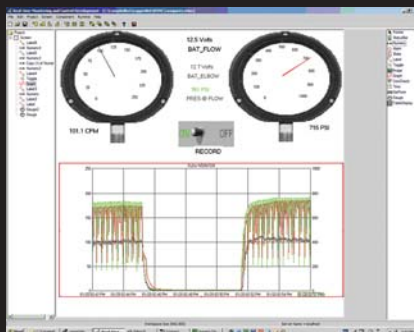
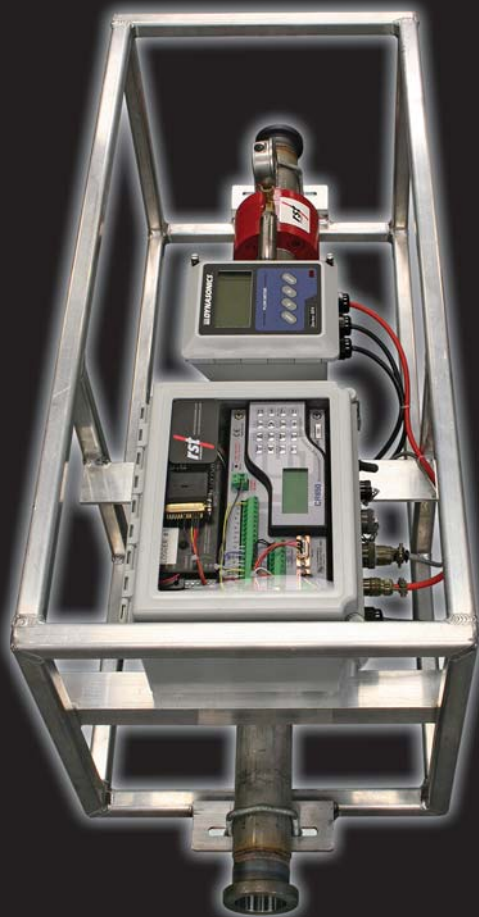


The RST Compaction Grout Monitor System provides operators and engineers real-time display of key grouting parameters to enhance the understanding of site conditions.

It is invaluable in providing a permanent record of key grouting parameters for quality assurance, quantity documentation, pressure and flow readings.

The RST Compaction Grout Monitor System has been developed and tested for a 2.0" 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.



Screenshot of Real-time Monitoring Software

FLOW FEATURES

Non-invasive Doppler ultrasonic

DISPLAY FEATURES

Digital flow and analog pressure on monitor. Real-time computer display.

Customizable display and recording options. Battery operated and rechargeable.

SYSTEM FEATURES

No cable - spread spectrum 900 MHz radio to computer base station.

Unattended automatic monitoring if desired.

FUNCTIONS

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.

FLOW SPECIFICATIONS

Flow: CFM	0.40 - 40.1 CFM (3 - 300 GPM)
Temperature	-20°C to 85°C (-4°F to 185°F)
Grout Pipe Sizes	1.0" - 3.0" (2.0" standard)
Materials	Compaction and low mobility grouts
Accuracy	±2% above 0.3 FPS (after on-site calibration)
Pressure Transducer	0 - 1000 PSI 0.25% FSO (other options available)
Output	4 - 20 mA or 0 - 2.5 V
Connector	2.0" heavy duty concrete placement flange

LOGGER SPECIFICATIONS

Storage	2 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



Specifications may change without notice. MIB0045D

COMPACTION GROUT MONITOR



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The RST Instruments Management System is certified to ISO 9001:2000

