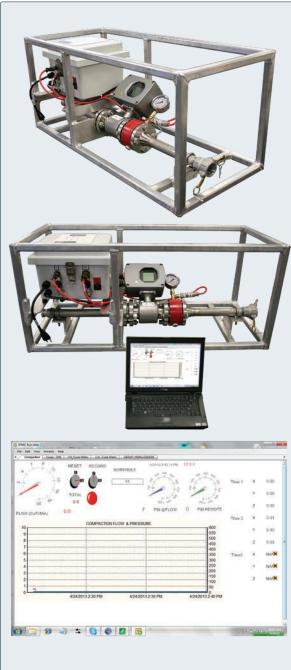


Monitor with Confidence TEL 604 540 1100 info@rstinstruments.com www.rstinstruments.com RST Instruments Ltd. 11545 Kingston St., Maple Ridge, BC V2X 0Z5 Canada





Screenshot of Real-time Monitoring Software

LOGGER SPECIFICATIONS		
ITEM	SPECIFICATION	
Storage	1 million readings (4 MB standard memory)	
Data File	Comma delimited ASCII data file for post processing in Excel® or other 3rd party software	
Real Time Graphical Display (English or SI Units)	Pressure, Flow, Injected Volume, Site Specific Information, Apparent Lugeon, Penetrability Control, GIN, etc.	

PRODUCT CATEGORY: GROUT MONITORS

Permeation Grout Monitor

The RST Permeation Grout Monitor System provides operators and engineers near-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, documented quantities, and pressure 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 user-friendly software allows for displaying the trending graphs of pressure and flow, as well as other graphs associated with grouting theories and practices.

> APPLICATIONS

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

Provides a permanent record of key grouting parameters for quality assurance; documented quantities, accessible in standard software such as Microsoft® Excel.

> FEATURES				
Non-invasive.	Electromagnetic flowmeter.			
Low maintenance diaphragm seal for analog and digital pressure gauge protection.				
No cable - wi-fi to computer base station.	Unattended automatic monitoring if desired.			
> DISPLAY FEATURES				
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.			
Apparent Lugeon.	Penetrability Control.			
GIN.				
> BENEFITS				
✓ Increase Productivity	✓ High Accuracy			

SPECIFICATIONS		
PIPE SIZES (INCHES)	MINIMUM VOLUMETRIC Range (gal/min)	MAXIMUM VOLUMETRIC RANGE (GAL/MIN)
1.0"	0.782	78.00
ITEM	DESCRIPTION	
Temperature	-20°C to 85°C (-4°F to 185°F)	
Dissolved/Suspended Solids	0 - 40%	
Accuracy	\pm 1% above 1 CFS (after on-site calibration)	
Pressure Transducer	Standard pressure of 275 psi, 0.2	5% FS0
Maximum PSI	275 psi	

ORDERING INFO

ITEM	PART #
1.0" Permeation Grout Monitoring System	ELGL7000

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