

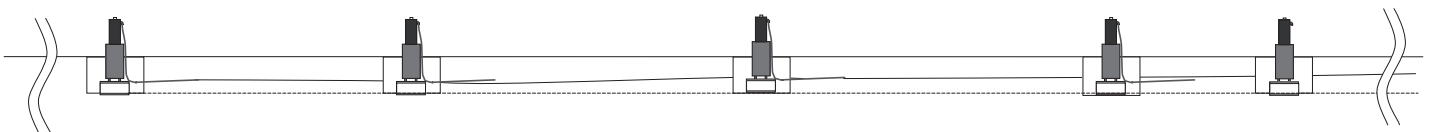
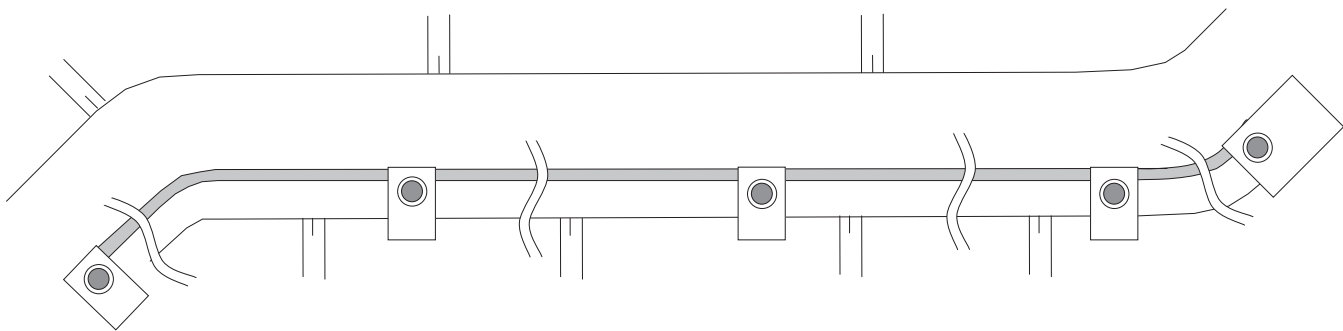
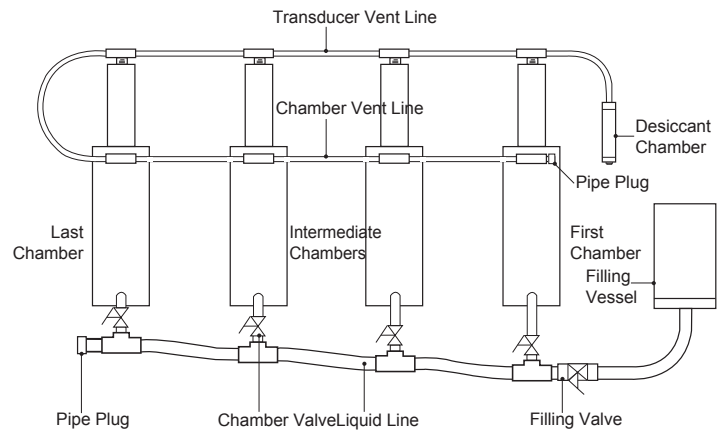
Main Specifications

Model	CGEO-LL1				
Range	50mm	100mm	150mm	300mm	600mm
Resolution	0.025% F.S.				
Accuracy	±0.1% F.S.				
Temperature Range	-20 to + 80°C				

Operation

This system is particularly suitable for critical situations where high resolution is required.

A series of vessels are interconnected by a liquid-filled tube. One reference vessel is located on stable ground and the other vessels are located at the points of settlement. Each vessel contains a cylindrical weight suspended from a vibrating wire transducer. The common liquid level inside each vessel partially submerges the hanging weights; settlement of a vessel causes an apparent rise of the water level in that vessel leading to a greater buoyancy force on the weight and a reduction in the tension and frequency of the vibrating wire.



International Manufacturer of Geotechnical & Structural Instruments

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