The MiniLIM 5G is a compact multi-applications data acquisition unit.

**Strengths:**

- CAN BUS Technology is used for the data transmission between sensors and acquisition unit, the installation and maintenance are simplified;
- Using-friendly HMI (Human Machine Interface): colour screen & touch screen (4.3” TFT 16/9) with icons, colours codes & virtual keyboard;
- Large memory capacity (1GB corresponding to millions meters/ft);
- Automatic data synchronization and transfer to USB (1 Gb);
- Virtual PDF printer.

The different applications of the MiniLIM 5G

**DRILLING** : Drilling parameters acquisition;
**DRILL & BLAST** : Drill mast positioning + Depth indicator + Drilling parameters acquisition;
**PRESSIO** : L-Menard Pressuremeter in-situ test, EN ISO 22476-4 standard;
**GEOTECH** : DRILLING + PRESSIO;
**DPT** : Dynamic probing Test (EN ISO 22282-3);
**GROUT INJECTION** : Pumps control (1 to 4 simultaneously) with grouting parameters acquisition;
**LUGEON** : Lugeon packer testing data acquisition, standard EN ISO 22282-3
**JET** : JET GROUTING method monitoring and parameters acquisition;
**CFA** : CFA pile monitoring and parameters acquisition;
**CPT, VIBROCOMPACTION, RC DRILLING, ...**

**Technical specifications** :
- 32 bits ARM microprocessor;
- Embedded LINUX kernel (V 2.6) OS;
- 1 external USB connector (storage, printer, ...);
- Internal memory: 1Gb (millions meters/ft for 4 parameters);
- 4.3 inches 480 x 272 (16/9) 16 bit color touchscreen, TFT;
- 1 x LIM multi-applications CANBUS;
- Weight: 1 kg - 2.2 lbs;
- Dimensions: 160 x 120 x 50 mm;
- LP GPS positioning (accuracy = 1 m).

**Options** :
- External printer for on-site printing;
- WIFI internal module.