

PocketLIM 5G

Multi-application data acquisition unit



Strengths :

- ✓ CAN BUS Technology is used for data transmission between sensors and acquisition unit, the installation and maintenance are so simplified;
- ✓ Two CAN BUS networks (LIM CAN BUS & Machine CAN BUS);
- ✓ Using-friendly HMI (Human Machine Interface): colour & touch screen (5" or 7" TFT 16/9) with icons, colours codes & virtual keyboard;
- ✓ 4 buttons located below the screen double the touch screen functions;
- ✓ Very large memory capacity (2GB corresponding to millions meters or ft);
- ✓ Automatic synchronization and data transfer to USB and/or your computer using 3G/4G GPRS modem or WIFI hotspot;
- ✓ With Geo-Log 4 and LIM @ Mail data management Internet software, automatic generation of your geotechnical report;
- ✓ Possibility of remote access for maintenance and help to the driller;
- ✓ Virtual PDF printer.

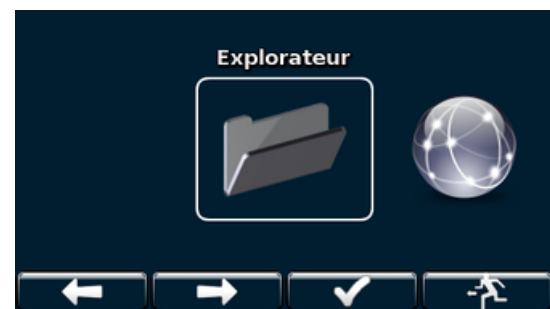
5" screen



Main menu to select the application



Machine parameters menu (drill@LIM)



Tool box menu

7" screen



THE APPLICATIONS OF PocketLIM 5G

- ✓ **DRILLING** : Drilling parameters;
- ✓ **DRILL & BLAST**: Drill mast positioning + Depth display + Drilling parameters + NaviLIM & Drill@LIM options;
- ✓ **PRESSIO**: L. Menard pressuremeter tests, EN ISO 22476-4 standard;
- ✓ **GEOTECH**: DRILLING + PRESSIO;
- ✓ **PENETRO**: Dynamic probing test (EN ISO 22476-2 standard);
- ✓ **GROUTING** : Pumps monitoring (1 to 4) with grouting parameters acquisition;
- ✓ **LUGEON** : Lugeon packer testing (EN ISO 22282-3 standard);
- ✓ **JET** : Jet Grouting method monitoring with data acquisition;
- ✓ **CFA** : CFA piling method monitoring with data acquisition;
- ✓ **CPT, VIBROFLOTATION, RC DRILLING, ...**



Drilling



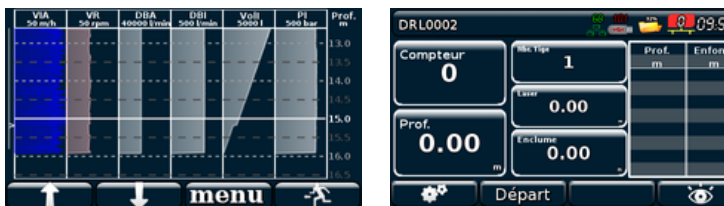
Grouting



Pressio



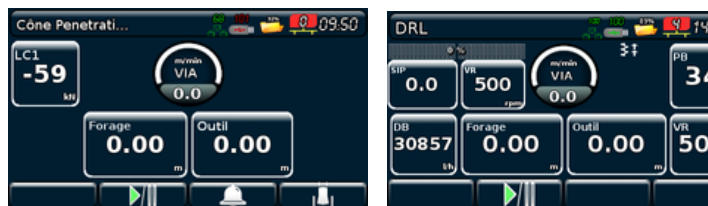
Lugeon



JET



Penetro



CPT



CFA

TECHNICAL SPECIFICATIONS

- ✓ 32 bits ARM microprocessor;
- ✓ Embedded LINUX kernel (V 2.6) OS;
- ✓ Modem GSM/GPRS/EDGE internal modem;
- ✓ 1 external USB connector;
- ✓ Internal memory : 2 GB (>1000 km/3000 miles for 4 parameters);
- ✓ 5"ou 7" 840x480 (16/9), 16 bit color touchscreen, TFT;
- ✓ 2 x CAN BUS connectors (LIM & machine);
- ✓ 4 x "anti-vandalism" buttons;
- ✓ Weight : 2 kg;
- ✓ Dimensions : 157 x 165 x 57 mm / 6.2 x 6.5 x 2.2 ";
- ✓ Wifi internal module;
- ✓ L.P. GPS positioning (accuracy=1 m/3 ft).

Option:

- ✓ External printer for on-site printing.

