

Strengths :

- ✓ CAN BUS Technology is used for the data transmission between sensors and acquisition unit, the installation and maintenance are simplified;
- ✓ User-friendly HMI (Human Machine Interface): black & white screen (3,9 "TFT wideband display) with icons and no text;
- ✓ Large backup capacity (1 Gb corresponding to millions of meters/ft);
- ✓ Automatic data synchronization and transfer to 2 Gb USB flash drive.



NanoLIM 5G is a simple LIM datalogger for Site investigation applications with the dual function drilling parameters + pressuremeter tests.

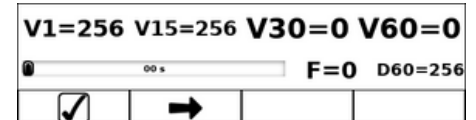
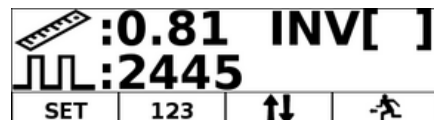
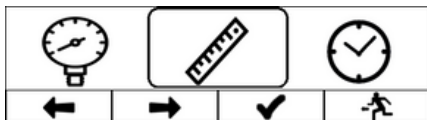
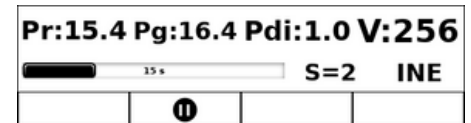
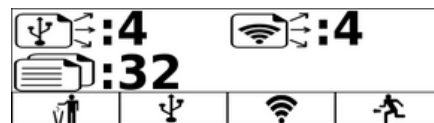
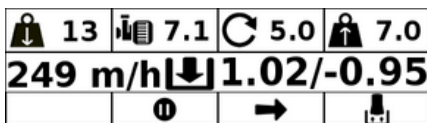
The drilling parameters that are processed are:

- ✓ Instantaneous Advance Speed (IAS) or Bit Penetration Rate, in m or ft/h or m or ft/min;
- ✓ Thrust or Tool Pressure (TP) in bar or psi;
- ✓ Injection Pressure (IP) of the drilling fluid, air, water or mud, in bar or psi;
- ✓ Torque as a Pressure (TQ), in bar or psi;
- ✓ Optionally, Holdback Pressure (HP), in bar or psi.

NanoLIM 5G has a high brightness Black & White screen whose the different menus are accessible via high-strength buttons adapted to site conditions.

The datafiles stored in the internal backup of the device can be transferred to a removable USB flash drive with automatic synchronization for download in the **GEOLOG 4** web application. Optionally, **NanoLIM 5G** can be equipped with a Wifi module making possible the wireless transfer of datafiles to **GEOLOG 4**.

Differents menus of NanoLIM 5G (Main menu displayed on the first page picture)



Technical specifications :

- ✓ 32 bits ARM microprocessor;
- ✓ Embedded LINUX kernel (V 2.6) OS;
- ✓ 1 x external USB port;
- ✓ Internal backup: 1 x Gb (millions meters/ft for 4 parameters);
- ✓ 3.9 inches 480 x 128 black and white screen;
- ✓ 1 x LIM CANBUS plug;
- ✓ Weight : 1kg;
- ✓ Dimensions : 160 x 120 x 50 mm (6.2 x 4.7 x 2").

Options

- ✓ WIFI module;
- ✓ Holdback pressure (4th pressure).