MiniLIM 5G - PENETRO
DATA ACQUISITION SYSTEM
FOR DYNAMIC PENETROMETER

The **MiniLIM 5G PENETRO** is a data acquisition system dedicated to Dynamic Penetrometer. It is in compliance with NFP 94-114 and NFP 94-115 European standards;

- The **MiniLIM 5G PENETRO** consists of a compact acquisition unit installed on the dynamic penetrometer. The acquisition unit is connected by cable to sensors measuring the depth and number of threshing blows.

- Due to the CANBUS technology used by LIM, the acquisition unit + sensors & cables kit is very easy and quick to install. Furthermore, the CANBUS technology is a guarantee of a reliable data transmission between the sensors and acquisition unit.

- While sounding, the **MiniLIM 5G PENETRO** measures, displays and records in real time the following parameters:
  - Blows number;
  - Penetration / blow;
  - Reached depth with indication if it corresponds to the target depth;
  - Tightening torque of rods.

- The recorded data vs depth is stored in one datafile /sounding (BOR format) in the internal memory of the **MiniLIM 5G PENETRO**. The datafiles can then be downloaded to an USB (automatic synchronization).

- After downloading, data is processed and formatted with GEO-LOG 4, the data processing cloud solution developed by LIM.