MiniLIM

PENETRO application



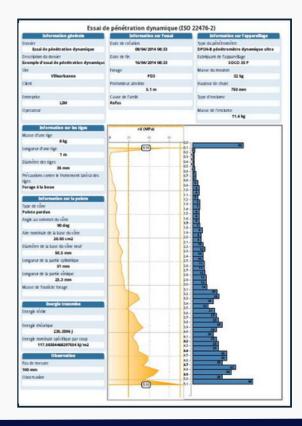
DATA ACQUISITION SYSTEM FOR DYNAMIC PROBING

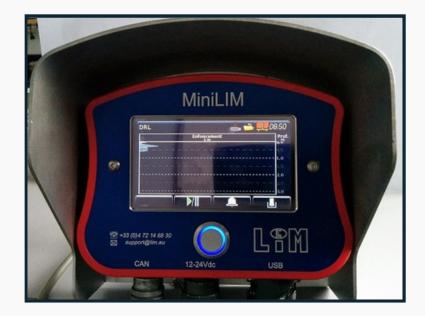












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DATA ACQUISITION SYSTEM FOR DYNAMIC PROBING

The **MiniLIM-PENETRO** is a data acquisition system dedicated to Dynamic Probing (Dynamic Penetration Tests). It is in compliance with NFP 94114 et NFP 94115 European standards;

The **MiniLIM-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-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-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.





