The **PocketLIM & MiniLIM 5G** are 5th generation LIM data recorders.

The **CFA application** of the **PocketLIM & MiniLIM 5G** perform the control of the C.F.A piling method with data acquisition.

- The functionalities are as follows:
  - Prior to drilling, accurate positioning of the piling rig's mast, thanks to the displaying function of the X,Y angles;
  - Penetration of the auger: recording while drilling and vs depth of the Drilling Speed (IAS), Torque Pressure (TQ) and Rotation Speed (RPM) parameters;
  - Extraction of the auger: recording while concreting and vs depth of the Lifting Speed (IAS-L), Torque Pressure (TQ), and Concrete Pressure (CP) parameters;
  - While in the concreting stage, the instantaneous consumption and the concrete volume are extrapolated either from the concrete pressure or counting of pump strokes;
  - Display of concrete consumption allows the operator to optimize the extraction rate of the auger in respect with theoretical pile profile;
  - Graphic representation of the instantaneous concrete volume enables the output of the Image of a Pile Section.

- The main key benefits are:
  - Proven CANBUS technology, one cable connects the sensors to the data logger;
  - Storage capacity from 1 to 2 Gb equivalent to several millions stored meters;
  - Colour touch screen (4.3", 5", 7") user interface;
  - Integrated GPRS 3G/4G and Wifi (PocketLIM only) enabling the automatic data file transmission over the internet;
  - Easy embedded software update either via internet (3G/4G or Wifi) or an USB flash device;
  - Automatic synchronization of data files to transmit via Internet or to copy onto an USB;
  - Compact and lightweight.

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![PocketLIM & MiniLIM 5G - CFA MONITORING AND DATA ACQUISITION](https://lim.eu/en/)

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