GeotechTronics PTY LTD

UNIVERSAL FIELD GEOTECHNICAL DATA LOGGER

GA-FDL 2000

General Features:

- Inputs channel: Up to 12 channels
- Power supply: 12 V DC
- Display: 7-inch high brightness TFT colour LCD
- Dimensions: 185 x 154 x 176 mm
- Normal operating condition:
  - Temperature:-10 ~ 50°
  - Humidity:10 ~ 90%
    (without condensation of moisture)
- Recording intervals: 1, 2, 4, 6, 15, 30, 60, 120 & 240 seconds (each channel)
- Internal memory to record data
- USB port to download data
- Input measurements:
  - Current: 0 ~ 20 mA, 0 ~ 10 mA, 4 ~ 20 mA, 0 ~ 10 mA
  - Voltage: 0 ~ 5 V, 1 ~ 5 V, 0 ~ 10 V, ±5 V, 0 ~ 5 V, 0 ~ 20 mV, 0 ~ 100 mV, ±20 mV, ±100 mV
  - Thermal resistance: Pt100, Cu50, Cu53, Cu100, BA1, BA2
  - Linear resistance: 0 ~ 400 Ω
  - Thermocouple: B, S, K, E, T, J, R, N, F2, Wre3-25, Wre5-26

Accessories

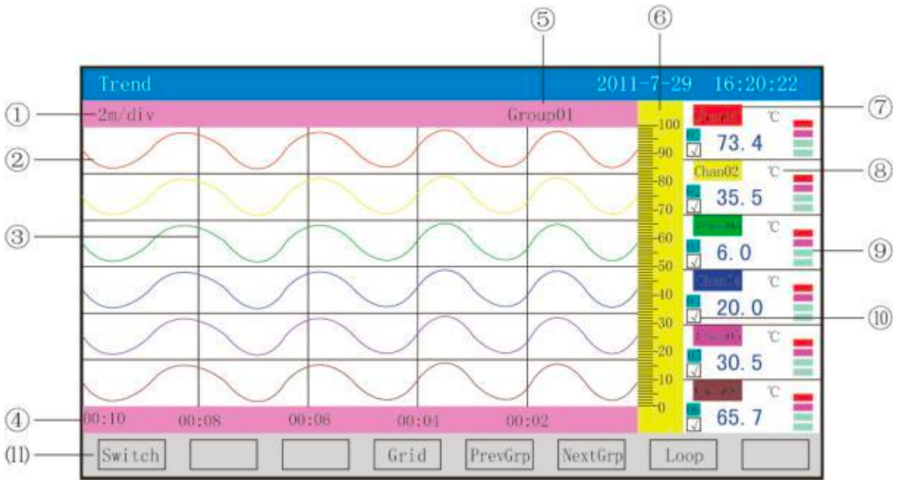
GTDAC Pro Professional data acquisition software

GA-FDL is a universal data logger that embedded in a water proof enclouser. This data logger can be used in the field to read data from field sensors over time. It supports miniature pressure cells, miniature pore-water pressure transducers, load cells and displacement sensors.

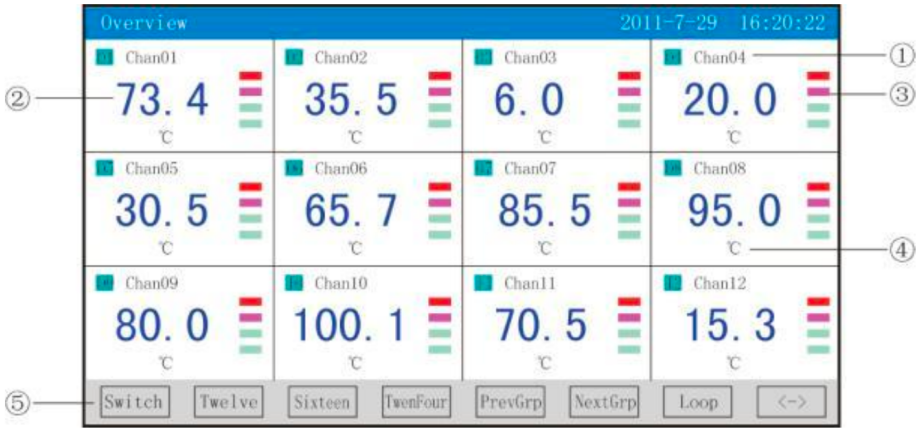
GA-FDL can read up to 12 sensors at the same time with a maximum sampling rate of 1 sample per second per each channel.

GA-FDL is a stand-alone data logger and records the data on its internal memory and once logging process is completed, data can be downloaded from the USB port of the GA-FDL.

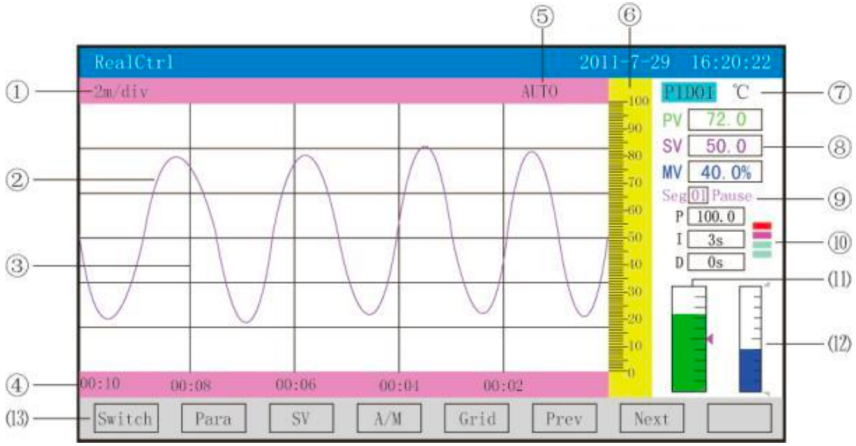
Alternatively, using GTDAC Pro software, the data are recorded on a PC and presented in tables and graphs in real-time.

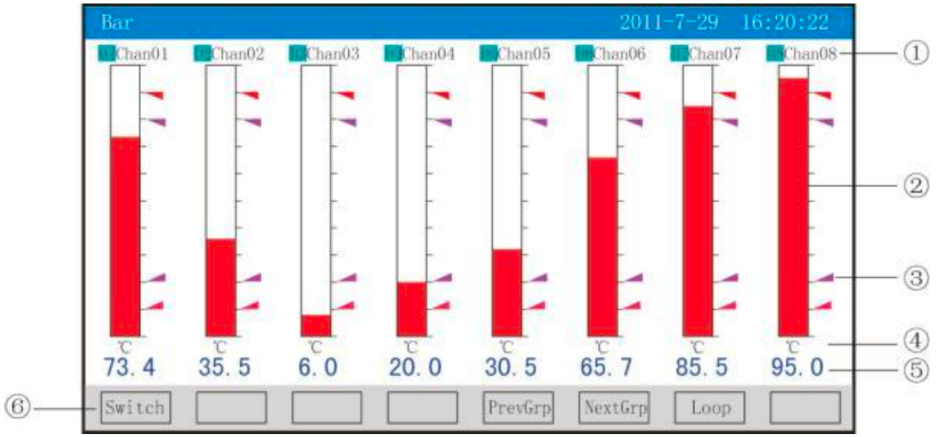


Realtime curves



Digital display





Realtime control

Bar graph