

# PocketLIM / MiniLIM

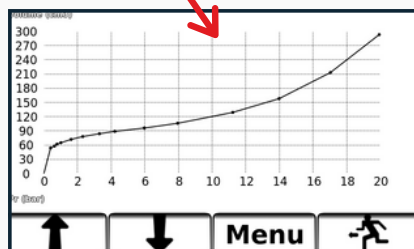


## PRESSIO application

### L. MENARD PRESSUREMETER DATA ACQUISITION UNITS ( EN ISO 22476-4)



Palier	Pr	V1	V15	V30	V60	Fluage	Δ60
1	0.40	7	36	46	54	8	54
2	0.63	53	56	58	58	0	4
3	0.78	58	61	61	62	1	4
4	1.01	62	65	65	65	0	3
5	1.62	65	70	71	72	1	7
6	2.31	72	76	77	78	1	6
7	3.30	80	83	84	84	0	6
8	4.22	84	87	88	89	1	5
9	5.97	89	95	96	96	0	7



### L. MENARD PRESSUREMETER DATA ACQUISITION UNITS ( EN ISO 22476-4)

The **PocketLIM / MiniLIM - PRESSIO** are L.MENARD pressuremeter data acquisition units.

The **PocketLIM / MiniLIM - PRESSIO** can be connected to **PressioLIM** and **PressioLIM AUTO** as well as to any other Menard pressuremeter if this one is equipped with compatible sensors.

For each L.Menard pressuremeter test, the **PocketLIM / MiniLIM - PRESSIO** record by pressure stage the pressuremeter probe volume at 1, 15, 30 et 60 seconds according to the EN ISO 224764 European standard. The pressure stages are increased and adjusted either manually by the operator (**PressioLIM**), or automatically (**PressioLIM AUTO**). The volume variation, measurement table by pressure stage and gross pressuremeter curve are displayed in real time on the **PocketLIM / MiniLIM - PRESSIO** screen.

The virtual printer automatically creates for each insitu pressuremeter test a PDF graphic file displaying the measurement table and gross pressuremeter curve.

The **GEOTECH** application combines the **PRESSIO** and **DRILLING** applications allowing the drilling operator to switch from drilling parameters to Menard pressuremeter data acquisition and vice versa by a simple push on the button (real or virtual on the unit touch screen). The **CANBUS** cable must also be disconnected and reconnected to the corresponding network thanks to a "SWITCH" system. These operations can be performed without the necessity to close the current **BOR** opened datafile. Once recorded and stored, the datafiles are downloaded either via the USB flash drive or via the internet, 3G/4G for the **PocketLIM** or Wifi.

The **GEO-LOG 4** cloud based software is in charge of the **BOR** and PDF files transfer to a dedicated and protected internet server. This server is accessible from any connected support (PC, apple, digital tablet, smartphone, ..).

The datafiles are also transmitted as attachments to email addresses chosen by the operator.

Once downloaded, the pressuremeter data is automatically evaluated by the **GEOLOG 4** web application and main parameters (Menard modulus, Creep and Limit Pressures) are calculated. If necessary the automatic calculated results can be corrected by the operator. **GEO-LOG 4** performs the layout of the final report of the insitu pressuremeter tests and a data backup at **AGS** format.

