

# DIMTI

## INSTRUMENTATION



Measure in all simplicity



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Nowadays, any underground intervention needs a series of instrumentations to record the data to allow a good tracing of all the operations. In this way, these high-tech products allow, for example, to identify the ground nature, to supply the necessary data to plan works or even to approve the efficiency of the interventions.

**DIMTI Instrumentation**, located in Maison Rouge in Seine-et-Marne designs, makes, sells, rents and installs everywhere in France and in the world, for more than 15 years, specialised devices allowing to supervise all the interventions led in the underground and even to follow the behaviour of the neighbouring works. The **CP** and **GLACID** devices series allow in this way to answer to wide market specific needs.

**DIMTI Instrumentation** includes the new technologies with new measuring and laser level sensors, but also a smart radio to communicate and secure, as for sprayed concrete works, by considerably making easier the task of the machine-operators.

With the computer platform **IDEX II**, it is an easy recovery of the works data by USB key that allows, through its multifunctionality, to automatically transfer the information on other e-mails and also to confirm the collected data with the different applications of the **CP** and **GLACID** series.

With the measure in all simplicity, **DIMTI Instrumentation** by its listening, its availability, its speed and conviviality, appeals to more and more civil engineering and special foundations companies.

### **SOME REFERENCES:**

**EPR/Flamanville** : Grouting of the reactor's waterproof membrane.

**HSR.NORTH + line Paris le Havre** : Destructive drilling / Grout fabrication management/ Grouting / SNCF works surveillance. 10 years duration.

**HSR.EAST line** : Destructive drilling / Grouting. 18 months duration.

**Technicentre Atlantique/ Chatillon/ Montrouge (92)** : SNCF works surveillance. 10 months duration.

**Manchester** : Lugeon test.

**Morocco** : Ground treatment.

**Koweït City** : Destructive drilling / Solid grouting / Ground treatment. 12 months duration.

**Abu Dhabi** : Destructive drilling. 12 months duration.



# CP

The CP series answers to the true needs of the users. A magnetic support, an ingenious input mode on a simplified thermoformed keyboard. A clever digital storage with data recovery by USB key. The CP range can be found in several public works and special foundations business sectors. 5 different versions are available.

**CP1.S** : Real time works surveillance by laser with measure cells (8 maxi) (Analog Recording without Digital storage)

**CP1.A** : 2 Versions available (Analog Recording without Digital storage), Automatic Management: 1 Grouting line/Pressure, Flow, Volume or Inclinator

**CP2.F** : Automatic Management of Grout Making/ 3 Grout Maxi + 7 Relay controls (Analog Recording with Digital storage and Data recovery by USB II key)

**CP2.N** : Automatic Management : 1 ou 2 lines of grouting / Pressure, Flow, Volume and control (Analog Recording with Digital storage)

**CP4.N** : Automatic Management of the Lugeon & Lefranc tests. (Analog Recording with Digital storage) (New in 2015)





# Glacid

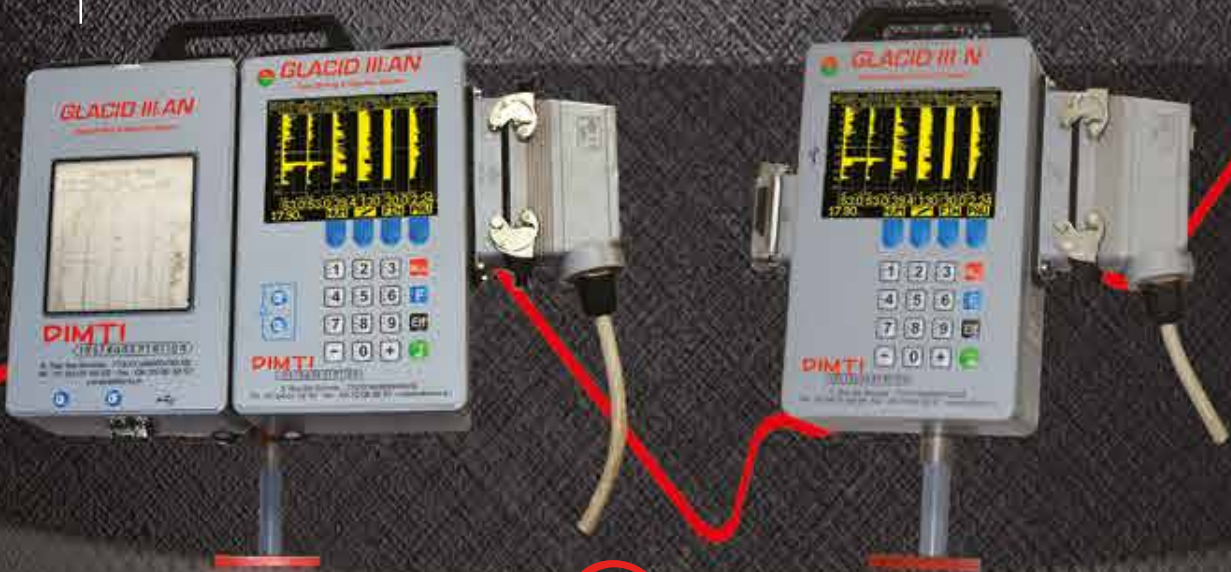
The GLACID range is unique thanks to its multifunctionality. In use since 2008, this innovative equipment allows to gather through its programming, the different applications, the most used in public works and special foundations, in a single device. The available programs are : The drilling / Automatic management for 1 or 2 lines of grouting / Solid Grouting / Piles / Jet Grouting / Piezometric Test and Engineered structure surveillance. A simplified and user-friendly input, a clean and luminous display, an integrated thermal printer but also a new smart digital storage mode of 10Mo with a data recovery by USB key of which DIMTI INSTRUMENTATION has been the precursor. 5 different versions are available.

**GLACID II N** : (Version without Printer)

**GLACID II A.N** : (Version with Built-in Printer)

**GRAPH.COLOR** : (Color Graphic Screen Version). Thermoformed alphanumeric keyboard. Automatic management for 1 or 4 lines of Grouting.

**GLACID III A.N-N** : (Graphic Screen Version) A luminous screen, a high readability in the different modes of use and working. This screen is made for challenging environments and applications as asked by the medical and the military. -60 to 85°C. A new ingenious input mode on a thermoformed keyboard. 2 versions are available: With or without built-in printer.



## Graph color











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