Newsteo Public Work Instrumentation

Wireless stand-alone solutions for structure instrumentation

- Crack, deformation, tilt...
- Radio range of several kilometres
- Autonomy several years + great robustness

Newsteo data loggers make on-site instrumentation easier

Wireless is the perfect solution to save money on wiring and reduce installation & maintenance time. Furthermore, Newsteo loggers are especially designed for outdoor use, even in harsh conditions.

ONLINE MONITORING
WebMonitor web application enables any allowed user to bring up on screen measures from Newsteo loggers from any device connected on the internet.

LOCAL MONITORING
RF Monitor Software enables to remotely configure and monitor all Newsteo products from a local PC.
CREATE YOUR OWN WIRELESS DATA LOGGERS NETWORK

WIRELESS DATA LOGGERS FOR CRACKMETERS

LGS31
1 input
IP65 Protected
Aluminium casing

LGP33
3 inputs
IP65 Protected
Aluminium casing

The LGS31 and LGP33 are able to interface with crackmeter, pressure probe, photoresistance, potentiometric probe for angular measure...

LGW and LGN45 loggers for inclinometers, NTC, with sensor powered by Newsteo data logger.

WIRELESS DATA LOGGERS TO POWER VOLTAGE SENSORS

LGW38
[0V ; 5V]
Sensor power = 10V
1 input

LGN45
[-5V ; +5V]
Sensor power = 13.6V
5 inputs

TEMPERATURE & DEFORMATION GAUGE

Newsteo developed, in partnership with R&D Lafarge laboratory, the Newsteo Builder, data logger which is directly buried into concrete.

LGW
BLR37
BLR37
Temperature
Deformation
IP68 protected
Autonomy : 10 years

OUR REFERENCES

ARGOTECH
CEBTP
VINCI
BKS