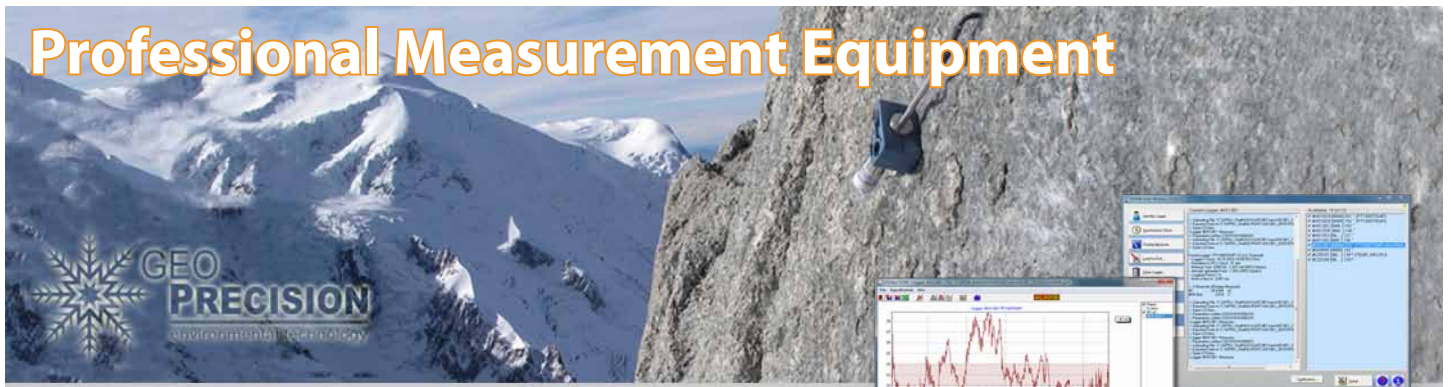


Professional Measurement Equipment



The mini data loggers from GeoPrecision are maintenance free and communicate by radio transmission interface (433* MHz or 915** MHz)

* with CE certification for Europe

** with FCC / CA certification for USA and Canada



M-Log5W-SIMPLE (PT1000)
- measure cap in steel (Ø 4 mm)



M-Log5W-CABLE (PT1000)
- measure cap in steel (Ø 6 mm)
- cable length up to 200 cm



M-Log5W-ROCK (PT1000)
- thin tip for boreholes (Ø 5mm)



M-Log5W-STRING (digital string sensor)
- pluggable thermistor string
- up to 25 string sensors
- up to 40 m cable length

TECHNICAL SPECIFICATIONS

dimension	120 x 20 mm (housing without sensor)
housing	waterproof, black POM or stainless steel housing
resolution	0.01°C (PT1000 Sensor), long term stability $\pm 0.1^\circ\text{C}$ 0.065°C (digital string sensor)
accuracy	$\pm 0.1^\circ\text{C}$ at 0°C (PT 000 sensor) $\pm 0.25^\circ\text{C}$ (typical) from -10°C to +30°C (digital sensor)
operating/measure range	from -40°C to +85°C
memory capacity	up to 500.000 measure values /2048Kb
data integrity	flash memory / non volatile
scan cycle	2 sec. to 12 hours
battery lifetime	up to 10 years with one battery
battery	lithium AA, 2.400mAh
logger access protection	4 digit access code
software	GP-Shell5W, cost free (\geq Windows XP)
guarantee	3 years (free replacement of devices)
wireless interface	radio communication (433 MHz or 915 MHz)
operating range	up to 100m (433 Hz) in the open field

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