



DELTA X-P
Water level monitoring



The DELTA X-P sensor is delivered with a piezometric submerged level probe to monitor groundwater levels.

The probe body is passivated stainless steel 316L, the reinforced cable of X ml (available in different lengths) has a waterproof connector, also equipped with an atmospheric stabilization probe.



Compact & Resistant
Polycarbonate / IP66



Precise
Range from 0 to 60%



Plug & Play
Easy to use
and to install



Autonomous
Battery 3,6 V - 17 Ah



Connected
LPWAN Radio
or Bluetooth



01
Air pressure measurement
chamber

02
Female connector
hirose

03
Stainless steel measuring
probe - 316 L PASSIV2

Features

Pile 3,6 V - 17 Ah - Autonomy 1 to 7 years *	Box : Protection IP66	Probe : T° of use -20°C à +60°C
Connection Bluetooth & Radio LPWAN	Outside T° measurement	Probe : T° drift < +/- 0.02% PE / °C
Measurement spacing to 10 min from 24h	Probe : Precision < +/- 0.3% PE	Probe : Inox 316 L passive
Internal memory de 250 000 measures	Probe: T° storage 0°C à +80°C	Probe : Diameter 21,4 mm, length 175 mm

*depending on the selected measurement spacing, sensor exposure and data transfer mode (bluetooth, LPWAN, ...)

The DELTA X-P incorporates a piezometric probe used to measure changes in groundwater levels.

The system incorporates an air pressure levelling chamber to ensure maximum accuracy.

Integrated into the sensor and once activated, the LINKFeel service allows the transmission of data from the sensor to the secure FEELBAT cloud through the LPWAN radio network (low-speed, low-power, long range).

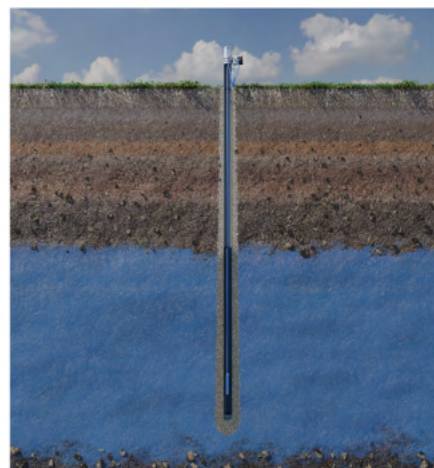
The patented design, system and design of the DELTA X-P sensor makes it easy to install.

By combining the DELTA X-H with data from a fissurometer, the diagnosis is enriched, allowing to quickly correlate the swelling of the clays with the cracks observed but also the backfilling of a retaining wall whose soil is dripping with water. This enhances the effectiveness of the diagnosis, providing a more in-depth view of soil evolution and its impacts on cracks or structural movements.

The DELTA X-H sensor has been designed to make a professional tool accessible to all by facilitating the installation, setting and monitoring of soil moisture variations through the Feelbat application or the Feel Monitoring web portal.

SIMPLE AND EASY TO INSTALL

01 The different application cases

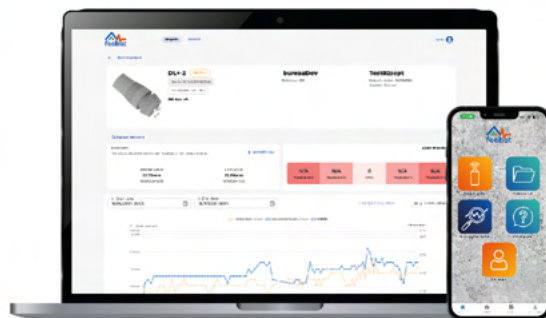


02 View your data in real time and remotely

Put your sensors, set them up and follow your structures in real time wherever you are.

Receive alerts if a predefined threshold is exceeded for effective prevention and increased security.

Edit PDF reports in a few clicks !



Our other products



Pack Expert DELTA L

The DELTA L Expert is a complete crack meter that allows you **to track your cracks on 3 axes** with great precision. Gauges can be fixed with a dowel or bi-component glue.

Simply take your measurements and report them in the app for regular monitoring.

Opening - Shearing - Unflush



DELTA L+

The DELTA L+ is a **connected electronic sensor that can track a crack** with high precision and autonomously.

It allows you to track the movements of the crack near or far as well as the outside temperature, all from your smartphone.

Ouverture - Cisaillement - Mesure d'angle - Désenflure



DELTA R

The DELTA R is a **connected bi-axis tilt sensor** that can track the tilt movement of walls or structures with high precision and autonomously.

It gives you the possibility **to track the tilting movements** on both axes as well as the outside temperature, all from your smartphone.

Two measurement axes: Y - X



DELTA L+ mini

Precise and autonomous monitoring of cracks, as well as assessment of the impact of sun exposure of the cracked substrate.

With a longer autonomy, and can be fixed by sticking ehnl less than 3 seconds thanks to a patented device.

It is the smallest connected crack sensor in the world !



Pack DELTA L+ en extenso

Measure and monitor movement and displacement in structures, such as tunnels, bridges or buildings.

It allows to assess the stability and integrity of the structure by detecting changes in convergence, thus helping to take preventive measures if necessary.

10 ML fil INVAR or 20 ML fil INVAR



DELTA X-H

The DELTA X-H is a connected sensor equipped with an electronic probe **to measure soil moisture, with high precision and autonomously**.

The probe to be buried at the foot of the structures, offers relevant data for effective diagnostics in the field of RGA (removal Swelling of clays).

Soil moisture sensor



**If you crack
you FEELBAT**


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