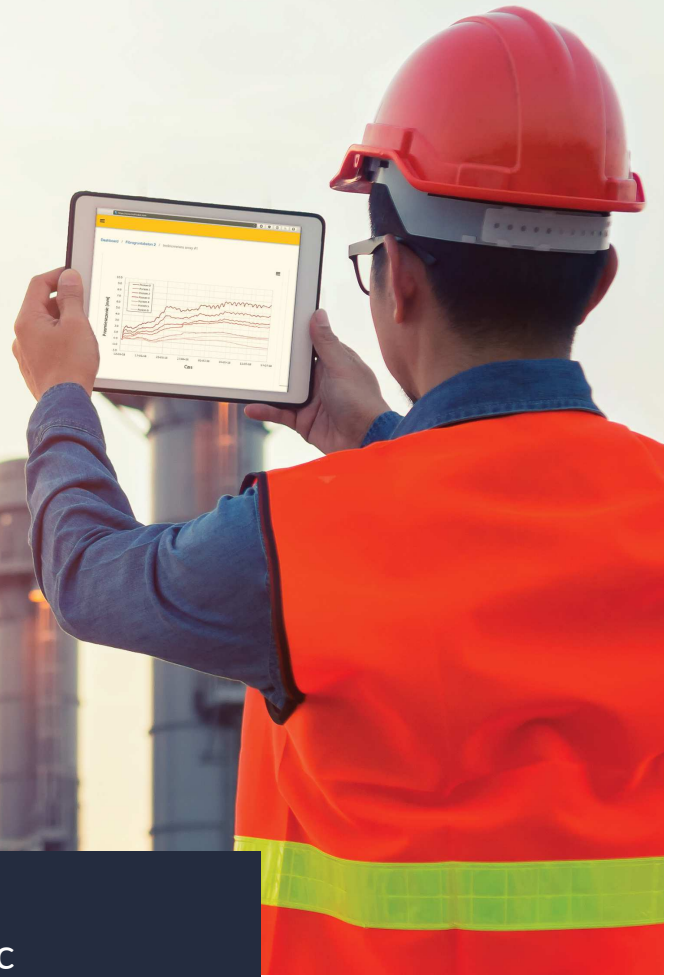


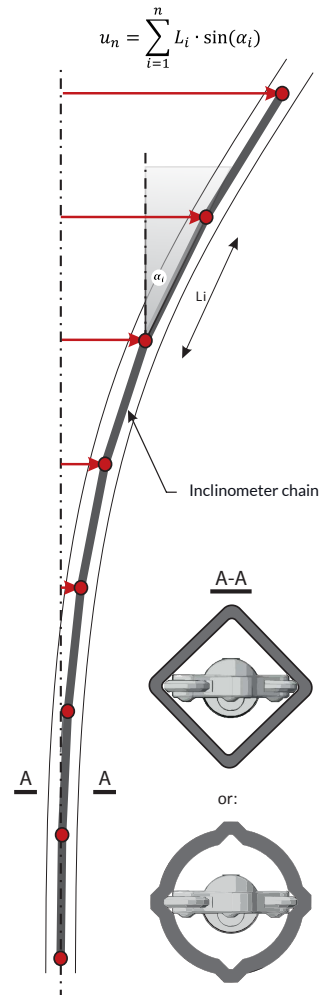


INCLIFY

Inclinometric monitoring with a simple subscription



INCLIFY Inclify is the first inclinometric monitoring system available with a simple subscription*. For the price of manual measurements, it provides continuous control of the displacement of inclinometer columns, any number of measurement sessions, access to on-line data and an alert system, based on defined by the user of the limit values.



MONITORING INSTEAD OF MANUAL MEASUREMENTS

The key advantage of automatic measurements is the ability to observe the current state of horizontal displacements of the monitored center and the chance to react immediately to the results of the observation.

With a manual inclinometer, measurement information could take up to several days to reach the persons responsible. This may result in catastrophic consequences for neighbouring objects.

In Inclify, data obtained from sensors is periodically analyzed in real time and reported to authorized users on an ongoing basis - enabling immediate response to excessive displacement.

*Where manual measurements are planned once a week or more often

SYSTEM FEATURES

- Continuous measurement of horizontal displacements, in one or two planes
- 24/7 - online data access
- Automatic reporting and signaling when pre-defined limit values are exceeded
- Possibility of specifying the time limit that values can be exceeded

ADVANTAGES

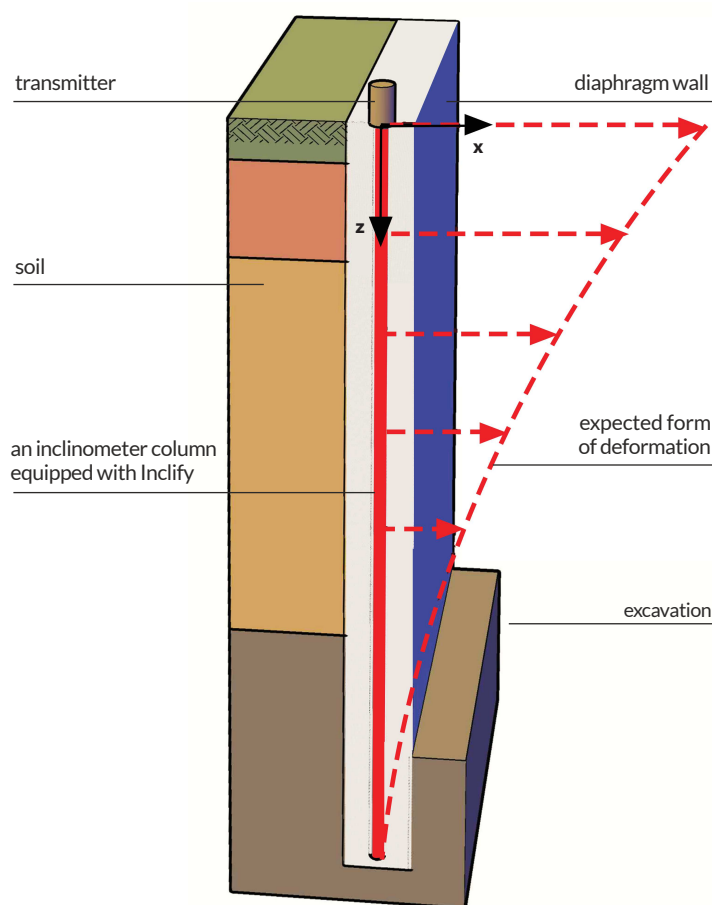
- Information speed - the ability to react immediately to excessive displacement
- Predictable costs - simple subscription for the duration of measurements
- Any number of measurements for a single price
- High accuracy and resolution of displacement measurement

AREAS OF APPLICATION

- Diaphragm walls
- Resistance walls, embankments, banks
- Landslide areas
- Hydraulic structures, dams and barriers
- Mine shafts, water towers, masts and other structures, high bridge construction, in particular abutments and pillars and many others

TECHNICAL SPECIFICATION

angle measurement range	■ $\pm 15^\circ$
accuracy of angle measurement	■ $\pm 0,05\%$ f.s.
angle measurement resolution	■ $0,001^\circ$
temperature measurement range	■ -40 to $+85^\circ\text{C}$
accuracy of temperature measurement	■ $\pm 1^\circ\text{C}$
resolution of temperature measurement	■ $0,1^\circ\text{C}$
displacement measurement range	■ ± 250 mm / m
accuracy of displacement measurement	■ ± 3 mm / 30 m
resolution of displacement measurement	■ $0,02$ mm / m
spatial resolution	■ 1000 mm
spacing of guide grooves	■ 65 - 77 mm
type of sensor	■ MEMS
operating temperature	■ -40 to $+85^\circ\text{C}$
power supply	■ battery / $\sim 230\text{V}$



EXAMPLE: Measurement of a diaphragm wall

The diagram below shows the operation of Inclify on a diaphragm wall. Data from sensors installed in the inclinometric column, are sent to the server, where it is analysed and checked against user-defined limit values to see if they have been exceeded.

INCLIFY is the first inclinometric monitoring system available at the price of manual measurements*. No purchase of expensive equipment and no charge for each manual measurement is necessary. It's a first-class monitoring system available when you need it most. Any number of measurement sessions, hardware, software, readable reports, statistics and charts are included with an active subscription.

