



INCLINEO®

The high precision electronic inclinometer



INCLINEO®

Advantages at a glance

High precision electronic inclinometer for measurement of absolute or relative angles

Rotatable housing allows measurement on surfaces with any inclination

Outer ring with 30° marks and 5° scale on housing with integrated fine adjustment screw

Wireless communication

Powerful Windows™ based PC software

Compatible with PRÜFTECHNIK Alignment laser measuring systems

Advanced filtering functions

For advanced applications

Measurement on surfaces with any inclination

Level, flatness or parallelism of surfaces

Angularity measurements along edges and borders

Plumbness of vertical shafts

Parallelism of sloping surfaces

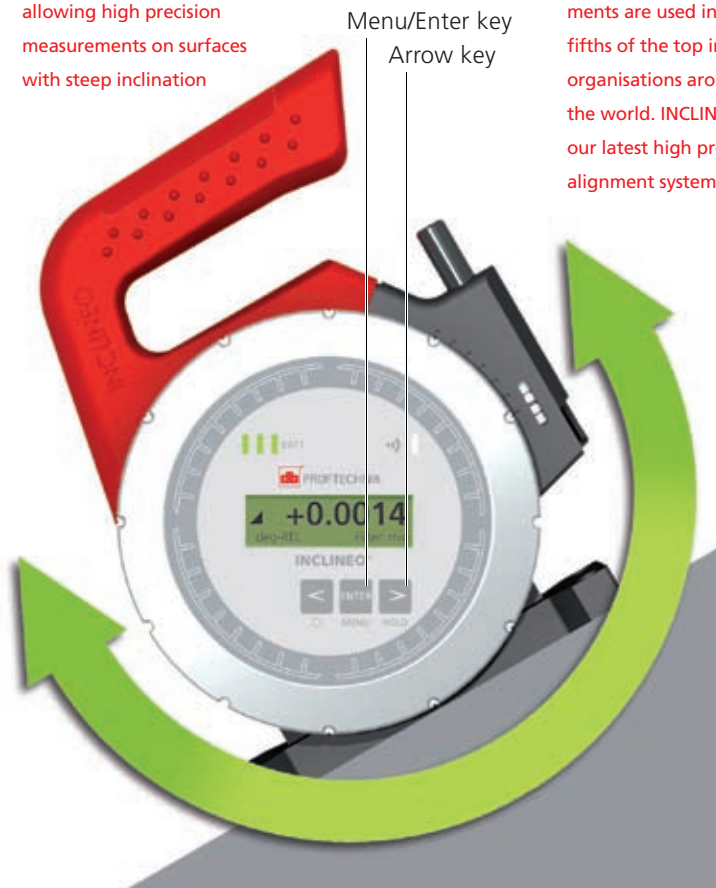
Perpendicularity of planes

Ideal for installation and service

Three key operation

With just 3 keys it is possible to select the most suitable measurement options for the application.

Rotatable housing allowing high precision measurements on surfaces with steep inclination



PRÜFTECHNIK Alignment Systems is the market leader in precision alignment. Our 'Made in Germany' hi-tech instruments are used in four fifths of the top industrial organisations around the world. INCLINEO® is our latest high precision alignment system.

INCLINEO® technical data

Measurement range	±10°
Resolution	0.0003° [1"]
Limits of error @ 22°C [Ta]	0.005% full scale 0.03% read out
Digital Filter/Average	3rd order with 0.3 / 1 / 3 Hz options
Temperature range	Storage: -40°C to 85°C Operation: -10°C to 60°C
Display	LCD display, 132 x 32 pixel with LED backlight
User interface	Three key operation
Wireless communication	Embedded RF module with LED indicator
External interface	RS-232 (serial) for computer and sensor Connector for dial gauge
Power supply	2 AA batteries
Battery status indicator	3 LEDs
Data storage	up to 999 measurements

High precision inclinometer

PRÜFTECHNIK Alignment Systems has developed a powerful system based on the high precision electronic inclinometer technology. INCLINEO® measures angularity at different positions on a surface enabling exact profile computation of machined surfaces. In combination with easy-to-mount bracketing, it measures the inclination along edges, borders and even on vertical shafts. Its rotatable housing makes it possible to take measurements at any angular position. The integrated wireless technology, combined with a 3-key operation makes INCLINEO® versatile, ensuring flexibility during measurements, making it an effective partner in advanced applications.

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