



B-Tilt is a portable Bluetooth tiltmeter equipped with a triaxial self-compensated MEMS sensor.

B-Tilt is used together with tilt plates which are permanently installed on the structure surface.

B-Tilt works with tilt plate both in horizontally or vertically mounted tilt position.

WHERE TO USE

- ▶ Monitoring rotation of building and structures.
- ▶ Monitoring rotation of retaining walls and slope rock masses.
- ▶ Monitoring rotation in mines.
- ▶ Monitoring rotation of underground tunnel and dams.
- ▶ Monitoring rotation of viaducts and bridge's piers.



Bluetooth Portable Tiltmeter

TECHNICAL SPECIFICATIONS



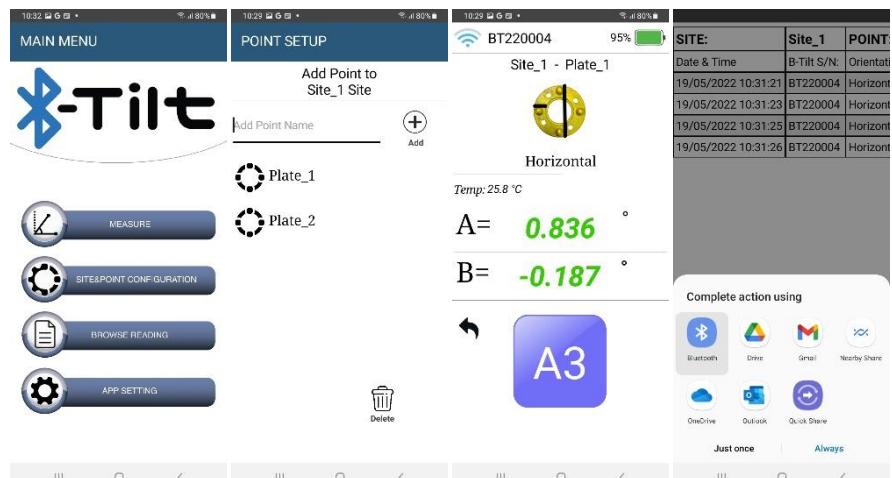
B-TILT
Sensor
Measuring Range
Sensor resolution
Repeatability
Sensor offset temper
Temp. operating range
Material
Protection
Dimensions (LxHxW)
Weight
Carrying case

0BTTLT1500T
Triaxial MEMS sensor
$\pm 15^\circ$
0.0002°
$< \pm 0.003^\circ$
$\pm 0.004 / ^\circ\text{C}$
-30°C to +70°C
Frame: Stainless Steel
Sensor housing: Polycarbonate resin
IP67
150x100x110 mm
2.5 Kg
Shock-resistant box
dimension: 340x 290x150 mm

B-Tilt APP

B-Tilt is supplied with an application developed for smartphone Android.

The application can be connected via Bluetooth to different B-TILT devices and allows the configuration of the device, site, plates, the visualization, recode and export of the data.



TIILT PLATE

Material
Brass
135 mm
630 g

0SCLTP14B00

Brass
135 mm
630 g