



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

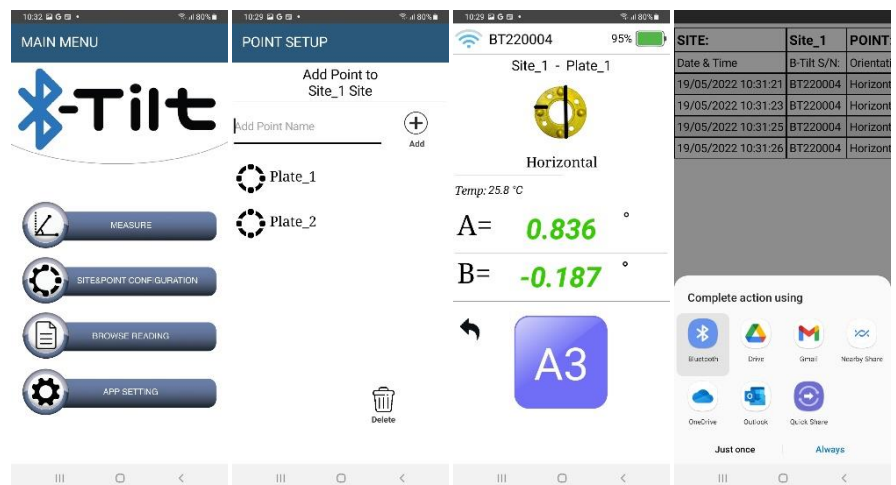


B-TILT	0BTTILT1500T
Sensor	Triaxial MEMS sensor
Measuring Range	$\pm 15^\circ$
Sensor resolution	0.0002°
Repeatability	$< \pm 0.003^\circ$
Sensor offset temper	$\pm 0.004 / ^\circ\text{C}$
Temp. operating range	-30°C to +70°C
Material	Frame: Stainless Steel Sensor housing: Polycarbonate resin
Protection	IP67
Dimensions (LxHxW)	150x100x110 mm
Weight	2.5 Kg
Carrying case	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.



TILT PLATE

	0SCLTP14B00
Material	Brass
Plate diameter (D)	135 mm
Weight	630 g