

The STONEX ® STT2 Plus is an excellent electronic theodolite which uses specific coding angle measuring system and gathers technics of optics, mechanism and computer to realize the functions of angle measuring, display and storage. The accuracy of angle measuring is 2". The STT2 Plus can show horizontal and vertical angle at the same time, and can transfer slope of vertical angle and compensate tilt of vertical angle. This theodolite is very versatile: it can be wild used in field of third and fourth grade triangle control survey of country and city, project convey of railway, road, bridge, water conservancy, mineral mountain and much more.

## TECHNICAL FEATURES STT2 PLUS

Telescope	Image	Erect
	Magnification	30x
	Clear Objective aperture	Φ 45mm
	Angle of Field of view	1°20'
	Shorted Stadia	1.2m
	Stadia multiplication constant	100
	Stadia addition constant	0
	Resolving	3.3"
Angle measuring System	Method of angle measuring	Absolute Encoding
	Minimum reading	1"
	Accuracy of measuring angle	2"
	Display	Dual Lcd
	Diameter of Codec Disc	79mm
Illumination	LCD	Available
Data communication		RS-232
Compensator	Tilt sensor	Dual Axis compensator
	Range of compensation	± 3'
	Minimum reading	1"
	Accuracy of compensation	6"
Plummet		laser plummet
Bubble	Accuracy of tubular bubble	30" /2mm
	Accuracy of circular bubble	8' /2mm
Power Supply	Battery	rechargeable nickel-hydrogen battery
	Power Voltage	rechargeable Battery 4.8V
	Continuous operating time	> 25 hours
Dimensions		165mm×180mm×340mm
Weight of theodolite		4.8 kg

Specifications subject to change without notice



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