SLT 10 Total Station

Specifications

Minimum Readout 1 Accuracy 2 Distance Measurement (Frish Mode) Single Prism¹ (General/good atmosphere) 5000m/6000m Accuracy (Fine/Quick/Tracking) 2mm+2ppm Measuring Time³ (Repeat/Tracking) 0.5s/0.3s Range² (The target is Kodak white board with reflect rate 90%) 1000m Accuracy (Change according to the different reflector condition) 3mm+2ppm Measuring Time³ Approx. 19 Tible of View 1°30 Minimum Focusing Distance 1.5m Reticle Illuminated Tible Sention System Dual-axis liquid tilt sensor Working Range ±3 Accuracy 1°10 Communication Internal Data Memory Standard USB flash drive Interface Standard USB flash drive Interface Standard RS232, USE Wireless Communication Bluetooth Data Format ASCI Power Supply Battery Type lithium battery (Type-C direct charging Voltage/Capacity 7.4v, 3000mAf Operating Time⁴ Optimal 36 hours (Continuous angle measurement every 30 seconds) / 18 hours (typical Measuring Times Approx. 30000 times Cither Display 2.8 inch 240*320 pixel highlight color display Keyboard 2 sides Alphanumeric backlit silicone keyboard, trigger key Plummet Type Laser point, 4 brightness levels adjustment, optical plummet (optional Environmental	Angle Measuring Principle	Absolute Encoding
Distance Measurement (Prism Mode) Single Prism¹ (General/good atmosphere) Accuracy (Fine/Quick/Tracking) Measuring Time³ (Repeat/Tracking) Range² (The target is Kodak white board with reflect rate 90%) Accuracy (Change according to the different reflector condition) Magnification Field of View 1°30 Minimum Focusing Distance Reticle Illuminated Title Sensor System Dual-axis liquid tilt senso Working Range 4.3 Accuracy Communication Internal Data Memory Internal Data Memory Interface Wireless Communication Data Format ASCI Power Supply Battery Type Igham Sandra (Respected and Sensor) Voltage/Capacity Optimal 36 hours (Continuous angle measurement every 30 seconds) / 18 hours (typical Measuring Times Approx. 300000 times Cither Display 2.8 inch 240*320 pixel highlight color display Keyboard Laser point, 4 brightness levels adjustment, optical plummet (optional Environmental) Environmental		1"
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Display 2.8 inch 240*320 pixel highlight color display 2 sides Alphanumeric backlit silicone keyboard, trigger key Plummet Type Laser point, 4 brightness levels adjustment, optical plummet (optional Environmental)	Measuring Times	Approx. 30000 times
Keyboard 2 sides Alphanumeric backlit silicone keyboard, trigger key Plummet Type Laser point, 4 brightness levels adjustment, optical plummet (optional Environmental)	Other	
Plummet Type Laser point, 4 brightness levels adjustment , optical plummet (optional Environmental	Display	2.8 inch 240*320 pixel highlight color display
Type Laser point, 4 brightness levels adjustment , optical plummet (optional Environmental	Keyboard	2 sides Alphanumeric backlit silicone keyboard, trigger key
adjustment , optical plummet (optional Environmental	Plummet	
	Туре	Laser point, 4 brightness levels adjustment , optical plummet (optional)
Operating Temperature -20°C~50°C	Environmental	
	Operating Temperature	-20°C~50°C -40°C~70°C
	Temperature and air pressure input	Automatic sensor



GEOSOLUTION I GÖTEBORG AB

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Regional Offices: Warsaw, Poland Jičín, Czech Republic Ankara, Turkey Scottsdale, USA Singapore Hong Kong Dubai, UAE

Dust&Water Proof (IEC60529 Standard)

- Reminders:

 *1. Good Conditions: good visibility of about 20km, the overcast sky without scintillation.

 *2. Under Kodak Gray (90%), measuring distance may vary according to targets and the conditions.

 *3. Measuring time may vary with measuring distance and conditions. For the initial measurement, it may take a longer time.

 *4. Battery life performs best at 25 °C. It might be shorter in low temperature or if the battery is old.



Total Station

○ CE IP65



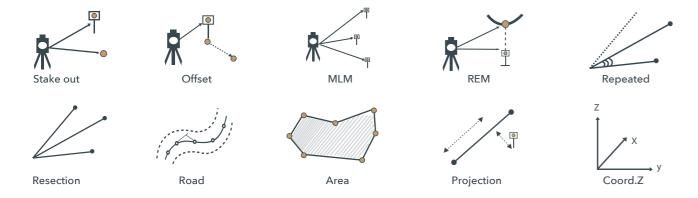




SLT 10 Total Station SLT 10 Total Station

SLT10 features the improvement of screen and hardware, significantly enhancing the surveying experience. New configurations and different built-in software contribute to the convenient and high-precision operation, ensuring the stability of surveying. SLT10 can be widely used in construction, mining, tunnel, railway, highway, and other application scenarios. It is born for efficiency.

Function



Calibration Software

Built-in multi-function calibration software improves the maintenance convenience greatly.

TS-Check

The comprehensive fault diagnosis software can help you easily locate the fault exactly, which will guarantee you solve the problem in time.



Key Features



 Reflectorless range 1000m. Speed down to 0.3s.



• 2.8-inch 240*320 pixel, clearly visible in sunlight.



- Get temperature and pressure automatically.
- One-click access.



 More efficient and accurate.



- Dual-axis tilt sensor.
- High-precision bead shafting.
- Sealed encoder disk.



- 3000mA high-capacity Li-ion battery, LED display, Type-C charging.
- Battery life exceeds 18h.



- USB cable and U disk.
- Format: (*.csv), (*.txt), (*.dat), (*.dxf), (*.gt7), (*. htf) etc.



- Support SurvCE and Satsurv connection.
- Support secondary development.



TECHNICAL SUPPORT SatLab offers online resources

and a professional support network available worldwide.