Provided by Xpert Survey Equipment Click Leica TS09 for Product Info and Updated Pricing

Leica FlexLine TS09plus

Full Precision at High Performance





The First Plus: Original Leica Geosystems Quality



The Third Plus: Full Precision Superior Convenience and Performance

Bluetodi

Electronic Distance Measurement:

Wherever high-distance measurement accuracy is required, you can face the challenge of this demanding task with the TS09plus. It provides the most accurate Electronic Distance Measurement.

Prism Mode

- Precision+ (1.5 mm + 2 ppm)
- Speed (1 second)

Non-Prism Mode

- Precision (2 mm + 2 ppm)
- PinPoint EDM with coaxial, small laser 6inter and/ measurement beam for accurate aiming and measurement
- Fewer set-ups required, because targets on which it is not possible to set up a reflector can be measured using reflectorless measurement up to 1,000

Work productively with the new Leica FlexField plus on-board software and the new color & touch display.

The new Leica FlexField plus software is without a doubt a highlight of the FlexLine of us. It's advantages are immediately apparent with the extra large, built color & touch display.



- Low learning curve due to guided workflows
- Easy to understand graphics and icons
- Icons to quickly verify instrument status
- Fast navigation inside the software via touch screen, tabs and icons
- High resolution color display to show all information without misinterpretation
- Larger font size for fast and clear readability
- Fast operation through graphic guidance

The Leica FlexLine TSO lus Communication Side Cover enables cable-free connection to any data collector via Bluetooth, for example the field-controllers Leica Viva CS10 or Leica Viva CS15 with SmartWorks Viva software. The USB-stick enables the flexible transfer of such data as GSI, DXF, ASCII, candXML and CSV.

FlexField plus Onboard Software: Easy to use due to it's graphical guidance and intuitive workflows.



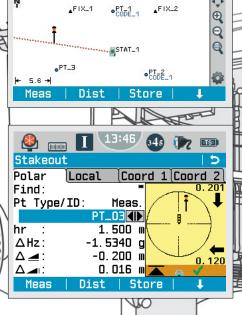
14:38

Code

Quick Survey

Coord. Map

Plus





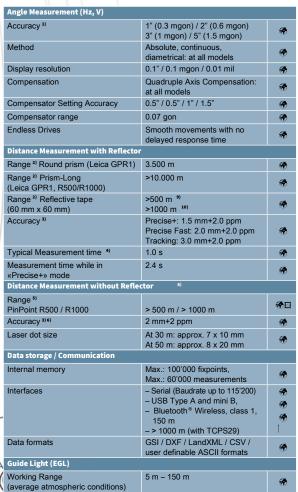
Leica Geosystems - mySecurity

mySecurity gives you total peace of mind. your instrument is ever stolen, a locking mechanism is available to ensure that the device is disabled and can no longer be used.

Leica FlexLine Plus Proven Specifications, Reliable Instruments

Leica FlexLine TS09plus specifications:







retescope						
Magnification	30 x	4				
Resolving power	3"	•				
Field of View	1° 30' (1.66 gon) 2.7 m at 100 m	*				
Focusing range	1.7 m to infinity					
Reticle	Illuminated, 10 brightness levels	€				
Keyboard and Display	board and Display					
Keyboard and Display	Full Alpha-numerical keyboard with Color & Touch display, Gra- phics, 320 x 240 pixels (Q-VGA), key- and display illumination, 5 brightness levels	€				
Position	Face I, Face II	⊕ E				
Operating System						
Windows CE	5.0 Core	•				
Laserplummet						
Гуре	Laser point, 5 brightness levels	€				
Centering accuracy	1.5 mm at 1.5 m Instrument height	•				
Battery						
Гуре	Lithium-lon	€				
Operating time ⁷⁾	approx. 30 hours 2.3 hours					
Battery charging time						
Weight						
Total station including GEB211 and tribrach	5.1 kg	•				
Environmental						
Temperature range (operation)	-20° C to +50° C (-4° F to +122° F)	•				
	Arctic Version -35° C to 50° C (-31° F to +122° F)	1				
Dust / Water (IEC 60529) Humidity	IP55, 95%, non condensing	•				
Leica FlexField plus Onboard Sofware						
Included Application Programs: Surv Station Setup including: Resection, Li Resection, Orientation (Angles & Coc (Plan & Surface); DTM Volume calcul	ocal Resection, Helmert ordinates), Height Transfer; Area ation; Tie Distance (MLM); Remo-	€				

te Height; Hidden Point; Backsight Check; Offset; Reference Line;

mySecurity, PIN/PUK Code

Reference Arc; Reference Plane; Road 2D; COGO; Road 3D; Traverse



5 Configurations & Options of Manual Total Stations

5 cm at 100 m

TILL WIS CONTINUE CON							
_		TS02plus	TS06plus	TS09plus	Viva TS11		
1	1" angular accuracy	-	1	1	1		
2	Enhanced measurement accuracy to prism	1.5 mm + 2 ppm	1.5 mm + 2 ppm	1.5 mm + 2 ppm	1.0 mm + 1.5 ppm		
	Reflectorless measurement range	500 m option	500 m included/1000 m option	500 m included/1000 m option	500 m included/1000 m option		
=	Display with graphics and display illumination	Black & White high resolution	Black & White high resolution	Q-VGA Color & Touch	Full-VGA Color & Touch		
	Full alpha-numerical keyboard with function keys	-	€	€	€		
1	Second Keyboard	1	1	1	1		
	Keyboard illumination	-	-	♦	�		
	Electronic Guide Light	-	1	♦	�		
	USB Type A and mini B	-	€	€	€		
	Bluetooth ® Wireless	-	€	�	�		
	SD Card	-	-	-	€		
	Imaging capability	-	-	-	1		
	Smart Station GNSS capability	-	-	-	1		
3	Onboard software (package content)	FlexField plus (standard)	FlexField plus (advanced)	FlexField plus (full)	SmartWorx Viva (pro)		

Legend:

- 1) Standard deviation ISO-17123-3
- 2) Overcast, no haze, visibility about 40 km; no heat shimmer.
- 3) Standard deviation ISO-17123-4
- 4) Prism Precise Fast mode

Positioning accuracy

- Under optimal conditions on Kodak Grey Card (90% reflective). Maximum range varies with atmospheric conditions, target reflectivity and surface structure.
- 6) Range > 500m 4mm+2ppm
- Single Measurement every 30 second at 25° C. Battery time may be shorter if battery is not new. Internal battery GEB222.
- Reflectorless measurement time may vary according to measuring objects, observation situations and environmental conditions.
- 9) with R500 option using Non-prism mode 10) with R1000 option using Non-prism mode
- Included
 Option
- Not available

