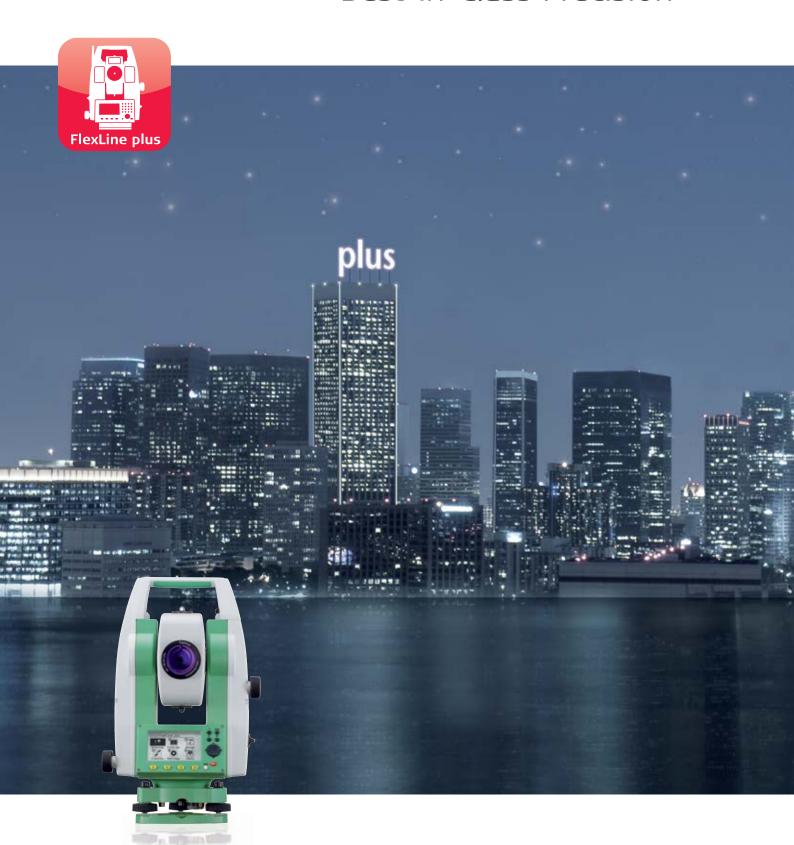
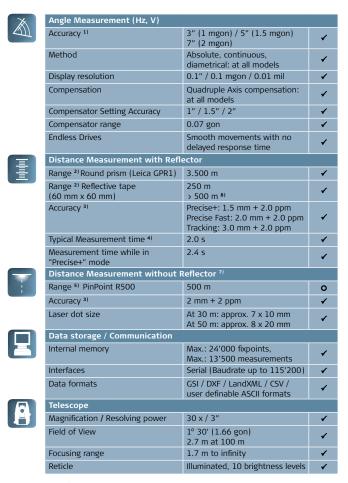
Leica FlexLine TS02plus

Best-In-Class Precision





Leica FlexLine plus Proven Specifications, Reliable Instruments



Keyboard and Display	Simple Alpha-numerical keyboard with high resolution Black & White display, Graphics, 160 x 288 pixels, display illuminated, 5 brightness levels		
Position	Face I, Face II	٧	
Operating System			
Windows CE	5.0 Core		
Laserplummet			
Type	Laser point, 5 brightness levels		
Centering accuracy	1.5 mm at 1.5 m		
Battery			
Type	Lithium-Ion		
Operating time 6)	approx. 30 hours		
Battery charging time	2.3 hours		
Weight			
TS 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)		
Dust / Water (IEC 60529) Humidity	IP55, 95%, non condensing		
Leica FlexField plus Onboard Sof	ware		
Included Application Programs: Sincluding: Resection, Local Resection (Angles & Coordinates), Height Trant DTM Volume calculation; Tie Distanc Point; Backsight Check; Offset; Refe	n, Helmert Resection, Orientation nsfer; Area (Plan & Surface); te (MLM); Remote Height; Hidden		
Extra Application Programs: Refe Road 2D	rence Arc; Reference Plane; COGO;		
Theft protection			

Illustrations, descriptions and technical data are not binding. All rights reserved. Printed in Switzerland – Copyright Leica Geosystems AG, Heerbrugg, Switzerland, 2013. 806061en - 06.15 - INT

Model Comparison: Configurations & Options of Manual Total Stations

	TS02plus	TS06plus	TS09plus	Viva TS11		
1" angular accuracy	-	0	0	0		
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	-	✓	✓	✓		
Second Keyboard	0	0	0	0		
Keyboard illumination	-	-	✓	✓		
Electronic Guide Light	-	0	✓	✓		
USB Type A and mini B	-	4	✓	4		
Bluetooth® Wireless	-	4	4	✓		
SD Card	-	-	-	✓		
Imaging capability	-	-	-	0		
Smart Station GNSS capability	-	-	-	0		
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





- 5) Under optimal conditions on Kodak Grey Card (90% reflective). Maximum range varies with atmospheric conditions, target reflectivity and surface structure.
- 6) Single Measurement every 30 second at 25° C. Battery time may be shorter if battery is not new. Internal battery

Total Quality Management our commitment to total customer satisfaction.

Distance meter: (PinPoint R500): Laser class 3R in accordance with IEC 60825-1 resp. EN 60825-1

Distance meter: (Prism Mode) Laser class 1 in accordance with IEC 60825-1 resp. EN 60825-1

7) Reflectorless measurement time may vary according to

measuring objects, observation situations and

8) with R500 option using Non-prism mode

environmental conditions

Laser plummet: Laser class 2 in accordance with IEC 60825-1 resp. EN 60825-1

O Option

- Not available

Cover picture: Los Angeles skyline

Leica Geosystems AG Heerbrugg, Switzerland

www.leica-geosystems.com



- when it has to be right

