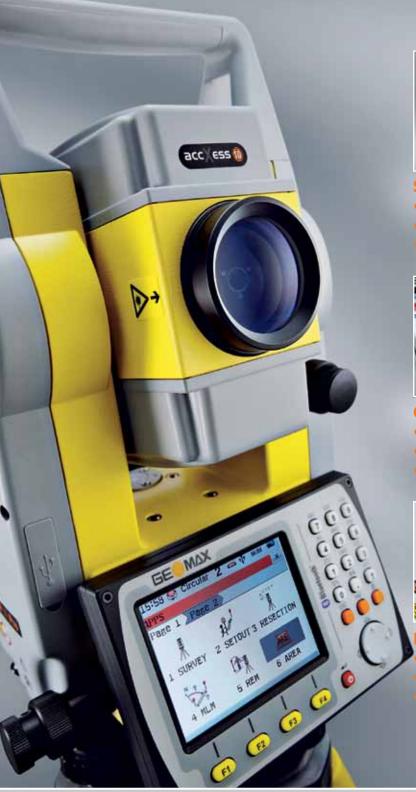
## Manual Total Station Zoom35 Pro Series





Superior accXess10 EDM • > 1,000 m Non-Prism Range • > 10,000 m Prism Range • Pin Size Laser Beam



Colour Touch ScreenLarge 3.5" Q-VGA DisplayFast Navigation

Brilliant Readability



Easy Connectivity
USB Memory Stick
Bluetooth<sup>®</sup> Transfer
Plug 'n Play Technology







# Zoom35 Pro Series

With non-prism mesurements of 1,000 m, the all new Zoom35 Pro opens a new class of total stations for all those requiring highest performance on all levels.



With the proven accXess10 technology, the Zoom35 Pro features an intelligent distance measurement engine designed for outstanding speed and highest accuracy even on extreme long ranges. A longer measurement range means a wider operational coverage and significant less time lost with switching set ups. All this in combination with the extra-wide colour touch screen, Bluetooth®, USB memory stick and a complete suite of application provide the total station with the longest non-prism range in the market - making sure it "works when you do".

Zoom35 Pro accXess10	Long-range distance measurement on reflector and >1,000m reflectorless*		
Angle measurements			
Accuracy	1" (0.3 mgon), 2" (0.6 mgon), 3" (0.9 mgon), 5" (1.5 mgon)		
Display resolution	1" (0.1 mgon)		
Method	Absolute, continuous, diametrical		
Compensation	Quadruple axis		

## **Distance measurements**

Prism	3,500 m / 2 mm + 2 ppm	
Long range	10,000 m / 5 mm + 2 ppm	
Typ. meas. time	1 s**	
Reflectorless	>1,000 m / 3 mm + 2 ppm***	
Footprint	8 x 20 mm****	

## **Physical specifications**

Weight	5.1 kg (incl. battery & tribrach)	
Operating temp.	-30°C to 50°C*****	
Protection class	IP54 dust- and waterproof	
Humidity	95 %, non-condensing	

Distance meter (Reflector Mode): Laser class 1 in accordance A R R with IEC 60825-1 resp. EN 60825-1; Laser plummet: Laser class 2 in accordance with IEC 60825-1 resp. EN 60825-1, Distance meter (Reflectorless Mode accXess™): Laser class 3R in accordance with IEC 60825-1 resp. EN 60825-1





Illustrations, descriptions and technical specifcations are not XI.MMXIII / 808081en

#### Interface Keyboard Full alphanumeric Display 3.5" Quarter-VGA colour touch screen (320x240 pixel), 10 lines x 30 characters, self heating, illuminated Data recording Internal memory 50,000 USB, serial & external power Interface Removable memory USB memory stick Bluetooth® Device Class 1

## **Power supply**

Internal battery	Removable Li-Ion 4.4 Ah / 7.4 V
Operating time	36 h (continous angle), 9 hours (continous distance measurement every 30s)
Plummet	
Туре	Laser point, adjustable brightnes

## T

Туре	Laser point, adjustable brightness
Accuracy	1.5 mm at 1.5 m instrument height

## **Operating system**

Windows®	Embedded CE	
* Optimal conditions to Koday Grey Card (90% reflectivity)		

\*\* IR-Ouick mode

- \*\*\* > 500 m: 4 mm + 2 ppm \*\*\*\* At 50 m distance
- \*\*\*\*\* Optional tested polar version, standard -20°C to 50°C

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