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 screen • Large 3.5" Q-VGA display

- Fast navigation
- Brilliant readability



Easy connectivity
USB memory stick
Bluetooth[®] transfer
Plug and Play technology



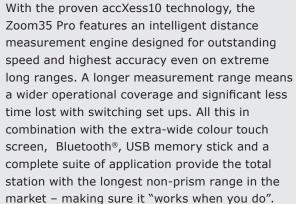




Zoom35 Pro Series

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.





accXess10	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	0.1" (0.1 mgon)			
Method	Absolute, continuous, diametrical			
Compensation	Quadruple axis			

accXess 🙋

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 / 2 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	IP55 dust- and waterproof
Humidity	95 %, non-condensing

Distance meter (Reflector Mode): Laser class 1 in accordance A^{3R} 🐼 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 binding and may change. 0615 / 808081 en

Interface Keyboard Full alphanumeric Display 3.5" Quarter-VGA colour touch screen (320x240 pixel), 10 lines x 30 characters, self heating, illuminated Internal memory 50,000 pts Data recording Interface USB, serial & external power 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 brightness

Р 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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