

Manual Total Station

Zoom30 Pro Series



Colour- & Touchscreen

- Large 3.5" Q-VGA Display
- Fast Navigation
- Brilliant Readability



Highest Functionality

- NavLight™ Alignment Aid
- 600m Non-Prism Range
- 3 mm + 2 ppm Reflectorless



Easy Connectivity

- USB Memory Stick
- Bluetooth® Transfer
- Plug 'n Play Technology

Zoom30 Pro Series

The Zoom30 Pro brings all the functionality you expect from a total station right at your fingertips. A total station for all those, demanding highest performance and comfort that "works when you do".



The Zoom30 Pro combines faster stake-out with NavLight™, outstanding non-prism distance measurement over 600 m, easy data transfer via USB Stick, extra large 3.5" colour touch screen, troublefree quadruple axis compensation and built in Bluetooth® communication in the most efficient and convenient manual total station. A complete suite of applications including road design, area & volume calculations and dedicated graphical construction layout enable you to complete your daily tasks, efficient and reliable.

Zoom30 Pro accXess4	Distance measurement on reflector and 400m reflectorless*
Zoom30 Pro accXess6	Distance measurement on reflector and 600m reflectorless*

Angle measurements

Accuracy	2" (0.6 mgon), 3" (0.9 mgon), 5" (1.5 mgon), 7" (2 mgon),
Display resolution	1" (0.1 mgon)
Method	Absolute, continuous, diametrical
Compensation	Quadruple axis

Distance measurements

Prism	3,500 m / 2 mm + 2 ppm
Reflectorless	3 mm + 2 ppm > 500 m: 4 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

NavLight™****

Working range	5 m to 150 m
Position accuracy	5 cm at 100 m

Distance meter (Reflector Mode): Laser class 1 in accordance 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



Interface

Keyboard	Full alphanumeric
Display	3.5" Quarter-VGA colour touch screen (320x240 pixel), 10 lines x 30 characters, illuminated
Data recording	Internal memory 50,000 pts
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 (continuous angle), 9 hours (continuous distance measurement every 30s)

Plummet

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

Operating system

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

** At 50 m distance

*** Optional tested polar version, standard -20°C to 50°C

**** Optional

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GeoMax AG
www.geomax-positioning.com
info@geomax-positioning.com

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