

# Manual Total Station

## Zoom30 Pro Series



### Colour & Touch screen

- Large 3.5" Q-VGA display
- Fast navigation
- Brilliant readability



### Highest functionality

- NavLight™ alignment aid
- 600m Non-Prism range
- 2 mm + 2 ppm reflectorless



### Easy Connectivity

- USB memory stick
- Bluetooth® transfer
- Plug and 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".



<b>Zoom30 Pro</b> accXess4	Distance measurement on reflector and 400m reflectorless*
<b>Zoom30 Pro</b> 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	0.1" (0.1 mgon)
Method	Absolute, continuous, diametrical
Compensation	Quadruple axis

## Distance measurements

Prism	3,500 m / 2 mm + 2 ppm
Reflectorless	2 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	IP55 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



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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 convinient 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.

## 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 (continous angle), 9 hours (continous 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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