

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 400 m reflectorless* |
| Zoom30 Pro accXess6 | Distance measurement on reflector and 600 m 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 | 3 mm + 2 ppm > 500 m: 4 mm + 2 ppm |

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 |

Interfaces

| | |
|------------------|---|
| Keyboard | Full alphanumeric |
| Display | 3.5" Quarter-VGA colour touch screen (320 x 240 pixel), 10 lines x 30 characters, illuminated |
| Data recording | Internal memory 10,000 pts (incl. measurements, coordinates & codes) |
| 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 30 s) |

Plummet

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

Operating system

| | |
|----------|-------------|
| Windows® | Embedded CE |
|----------|-------------|

* Optimal conditions to Kodak Grey Card (90 % reflectivity)

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

*** Optional

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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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