

Manual Total Station

Zipp20 – Open WinCE® Series



Totally open Windows® CE

- Supports any field software
- Open for own development
- Personalise your system



Totally connected

- Integrated Bluetooth®
- USB memory stick
- Plug and Play technology



Totally featured

- 3.5" colour & touch display
- 400 m non-prism range
- Coaxial visible laser beam

Zipp20 – Open WinCE® Series

... operate it your way, store it your way, process it your way!

Running fully open Windows® CE allows you to operate the field software of your choice onboard the Zipp20 – Open WinCE® Series.



Zipp20 Series

Featuring GeoMax FieldGenius, X-Pad, Carlson SurvCE or any localised field software, the Zipp20 allows you to work the way that best fits your needs.

With integrated Bluetooth® and the capability to connect to any tablet or data logger, the Zipp20 provides you highest flexibility.

All this combined in a system offering a colour & touch display, long range non-prism measurement and all your favourite Windows® CE applications make the Zipp20 the total station that "works when you do."

Zipp20 R2	Distance measurement on reflector and 250m reflectorless*
Zipp20 R4	Distance measurement on reflector and 400m reflectorless*

Angle measurements

Accuracy	2", 5"
Display resolution	1", 5", 10"
Method	Absolute, continuous, diametrical
Compensation	Quadruple axis

Distance measurements

Prism	3,000 m / 2 mm + 2 ppm
Reflectorless	3 mm + 2 ppm
Footprint	12 x 24 mm**

Physical specifications

Weight	5.3 kg***
Operating temp.	-20°C to 50°C
Protection class	IP54 dust and waterproof
Humidity	95 %, non-condensing

Interface

Keyboard	Full alphanumeric, user definable
Display	3.5" Quarter-VGA colour touch screen (320 x 240 pixel), 10 lines x 30 characters, illuminated
Bluetooth	Device Class II
Memory size	2 GB, internal
Interface	USB
Removable memory	USB memory stick

Power supply

Internal battery	Removable Li-Ion 4.4 Ah
Operating time	8 hours

Plummet

Type	Visible laser point
Accuracy	1.5 mm at 1.5 m instrument height

Operating system

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

** At 50 m distance

*** w/o battery and tribrach

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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):** Laser class 3R in accordance with IEC 60825-1 resp. EN 60825-1



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Works when you do