

### Manual Total Station WinCE® Series



#### Onboard software flexibility

- GeoMax X-PAD
- GeoMax FieldGenius
- Carlson SurvCE

#### Totally open Windows® CE

- Open WinCE platform
- Open to all 3<sup>rd</sup> party developers
- Open remote communication

#### Fully featured

- Large 3.5" Q-VGA display
- Large 2GB memory
- 500m non-prism range

# Zoom40 - WinCE® Series

Operate it your way, store it your way, process it your way! When flexibility counts the GeoMax Zoom40 Series is your choice.



The flexibility to run X-PAD, FieldGenius or Carlson SurvCE or any other localised field software onboard the Zoom40 with its high resolution graphical Colour- and Touch display it allows you to work in the way that best fits to your needs.

Combined with the capability to measure long distances with high accuracy you can be sure: Zoom40 "works when you do"

|                      |   |
|----------------------|---|
| <b>Zoom40 neXus5</b> | Distance measurement on reflector and 500m non-prism* |
|----------------------|---|

## ANGLE MEASUREMENTS

|                    |                                   |
|--------------------|-----------------------------------|
| Accuracy           | 2" (0.6 mgon), 5" (1.5 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 |
| Non-prism | 500m / 2 mm + 2 ppm    |
| Footprint | 8 x 20 mm**            |

## PHYSICAL SPECIFICATIONS

|                  |                                    |
|------------------|------------------------------------|
| Weight           | 6.12 kg (incl. battery & tribrach) |
| Operating temp.  | -20°C to 50°C***                   |
| Protection class | IP54 dust and waterproof           |
| Humidity         | 95 %, non-condensing               |

## INTERFACE

|                  |   |
|------------------|---|
| Keyboard         | Full alphanumeric, dual face (opt.)   |
| Display          | 3.5" Quarter-VGA colour touch screen (320x240 pixel), 10 lines x 30 characters, self heating, illuminated |
| Memory size      | Internal; 2GB   |
| Interface        | USB   |
| Removable memory | USB memory stick  |
| Bluetooth        | Device Class 2  |

## POWER SUPPLY

|                   |  |
|-------------------|--|
| Internal battery  | Removable Li-Ion   |
| Operating time*** | 36 h (continuous angle), 10h (continuous distance measurement every 30s) |

## PLUMMET

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

## OPERATING SYSTEM

|            |            |
|------------|------------|
| Microsoft® | Windows CE |
|------------|------------|

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

\*\* At 50 m distance

\*\*\* at 25°C. Battery time may be shorter depending on conditions.

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