Zoom50 Series

When you need highest performance on all levels even under most challenging conditions, the GeoMax Zoom50 series is the perfect choice for you.

With the proven accXess technology, the Zoom50 features an intelligent distance measurement engine designed for outstanding range, speed and highest accuracy even under tough conditions. The longer measurement range means a wider operational coverage and significant less time lost with switching setups. The new ‘PowerLock’ protection mechanism prevents the use by unauthorized persons and makes it unattractive to steal.

All this in combination with the extra-wide colour touchscreen, built in Bluetooth®, USB memory stick support and featured application package including even advanced functionalities makes the Zoom50 the true flagship of the Geomax manual total station family.

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**Zoom50 accXess5**
Long-range distance measurement on reflector and >500m non-prism*

**Zoom50 accXess10**
Ultra long-range distance measurement on reflector and >1,000m non-prism*

**ANGLE MEASUREMENTS**

- **Accuracy**: 1" (0.3 mgon), 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
- **Long range**: 10,000 m / 5 mm + 2 ppm
- **Typ. meas. time**: 1 s**
- **Non-prism accXess5**: >500m 2mm + 2ppm***
- **Non-prism accXess10**: >1000m 2mm + 2ppm***
- **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

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