

# GeoMax Digital Theodolite

## Zipp02



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Closing the gap, Zipp02: For all your general construction tasks requiring accurate angle measurement. Affordable, easy to use, flexible – simply “Works when you do”.



**Closing  
the gap  
Zipp**



## Zipp02 – Closing the gap

With vertical compensation and 2" accuracy the Zipp02 provides you the precision required for your most demanding jobs for an affordable price without adding complexity. Various display modes, hold and set zero for horizontal angle, a variation of measurement units, simple distance measurement via stadia lines make an easy operation with only six keys. Visible laser plummet enables you to set up over a point faster and easier than ever. The Zipp02 is the tool of your choice when it comes to checking angles, alignments, grade work and short range levelling.

### Angle measurements (Hz, V)

|                    |                                                  |
|--------------------|--------------------------------------------------|
| Precision          | 2"                                               |
| Display resolution | 1" or 5"                                         |
| Display units      | DEG (360° 00' 00"), GON (400), MIL (6400), V / % |

### Telescope

|                                       |                  |
|---------------------------------------|------------------|
| Magnification                         | 30x              |
| Objective aperture                    | 45 mm (1.7 in)   |
| Minimum focusing distance             | 1.35 m (4.43 ft) |
| Stadia multiplication factor/constant | 100/0            |

### Compensator

|               |                                                 |
|---------------|-------------------------------------------------|
| System        | Automatic vertical compensator, User set On/Off |
| Working Range | ± 3'                                            |

### Operation

|         |                                          |
|---------|------------------------------------------|
| Display | Double side large character back-lit LCD |
| Keys    | 6 one touch button functions             |

### Laser plummet

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

### Environmental conditions

|                              |                                |
|------------------------------|--------------------------------|
| Operating temperature        | -20° C ~ +50° C                |
| Protection to dust and water | dust and water resistant, IP54 |

### Weight

|                                       |                 |
|---------------------------------------|-----------------|
| Weight including battery and tribrach | 4.5 kg (9.9 lb) |
|---------------------------------------|-----------------|

### Battery/Power management

|                                        |                                                      |
|----------------------------------------|------------------------------------------------------|
| Type of battery                        | Rechargeable NiMH, replacement alkaline battery pack |
| Operation period without laser plummet | 36 h                                                 |

**Laser plummet:** Laser class 1 in accordance with IEC 60825-1 resp. EN 60825-1

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