

TOTAL STATION

RQS



TELESCOPIC

| | |
|-----------------|-----------------------------|
| Length | 154mm |
| Diameter | Telescopic: 45mm; EMD: 50mm |
| Magnification | 30x |
| Image | Erect |
| Field of View | 1°30' |
| Resolving Power | 3" |
| Minimum Focus | 1.5m |

DISTANCE

| | |
|-------------------------|---------------------------|
| Single Prism Range | 5,000m |
| Accuracy | ±(2mm+2mm*D)m.s.e |
| Non-prism Range | 1,000m |
| Accuracy | ±(3mm+2mm*D)m.s.e |
| Measuring Time | Fine: 0.3s; Normal: 0.2s |
| Meteorologic Correction | ATMOSense Auto Correction |
| Prism Constant | Manual |

ANGLE

| | |
|--------------------|----------------------------|
| Accuracy | 2" |
| Method | Absolute Encoding |
| Detecting System | H: dual; V: dual |
| Minimum Reading | 1"/5"/10" |
| Diameter of Circle | 79mm |
| Vertical Angle 0° | Zenith: 0°; Horizontal: 0° |
| Unit | 360°/400gon/6400mil |

DISPLAY

| | |
|-----------------|--------------------------------|
| Display Unit | Graphic, 160*90 with backlight |
| No. of Displays | 2 |
| Keyboard | Alphanumeric |

PLUMMET - LASER

| | |
|----------------|----------------------|
| Type | Class II red laser |
| Accuracy | <0.4mm @ 1.5m height |
| Spot Diameter | <1.5mm @ 1.5m height |
| | *optional |
| | - OPTICAL |
| Image | Erect |
| Magnification | 3X |
| Focusing Range | 0.3m - ∞ |
| Field of View | 5° |

TILT CORRECTION

| | |
|-------------|-----------------|
| Tilt Sensor | Dual axis |
| Method | Liquid electric |
| Range | 6' |
| Resolution | 1" |

LEVEL

| | |
|----------------|---------|
| Plate Level | 30"/2mm |
| Circular Level | 8'/2mm |

DATA INTERFACE

| | |
|-----------------|---------------------|
| Internal Memory | > 10,000 points |
| Data Interface | USB2.0 |
| Wireless * | Bluetooth 2.1, WT12 |

GENERAL

| | |
|-----------------------|-------------------------------|
| Quick-meas Button | Yes |
| Weight | 5.4kg |
| Dimension | 353 (H) * 206 (L): 200 (W) mm |
| Operating Temperature | -20°C to 50°C |
| Battery | Li-on battery, 7.4V, 3000mAh |
| Water & Dust Proof | IP65 |
| Working Duration | 16h |

* Not available on RQS Lite.

ITEM LIST

- Carrying case *1
- Total station *1
- Battery *2
- Charger & adapter *1
- Reflecting sheet *1
- Safety Vest *1
- Quick Guide *1
- Warranty Card *1



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