

**RUIDE**

## TOTAL STATION



**RQS**

# SPECIFICATION

## TELESCOPIC

Length	154mm
Diameter	Telescope: 45mm; EDM: 50mm
Magnification	30x
Image	Erect
Field of View	1°30'
Resolving Power	3"
Mini.Focus	1.0m

## DISTANCE

Single Prism Range	5000m
Accuracy	±(2mm+2ppm*D) m.s.e
Non-Prism Range	1000m
Accuracy	±(3mm+2ppm*D) m.s.e
Measuring Time	Fine: 0.7s; Normal: 0.5s
PPM Correction	ATMOSense Auto Correction
Prism Constant	Manual
Quick Meas Button	Yes

## ANGLE

Accuracy	2"
Method	Absolute Encoding
Detection System	H: Dual; V: Dual
Mini. 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 dots with Backlight
No. of Displays	2
Keyboard	Alphanumeric

## TILT CORRECTION

Tilt Sensor	Dual Axis
Method	Liquid Electric
Range	6'
Resolution	1"

## OPTICAL PLUMMET (LASER OPTIONAL)

Image	Erect
Magnification	3x
Focusing Range	0.3m to infinite
Field of View	5°

## LEVEL

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

## DATA STORAGE

Internal Memory	>10,000 points
Data Interface	USB 2.0 Pendrive
Wireless	Bluetooth 2.1, WT12 *

## GENERAL

Weight	5.4kg
Dimension	353 (H) * 206 (L) * 200 (W) mm
Working Temperature	-20°C to 50°C
Battery Type	Rechargeable Li-on, 7.4V, 3000mAh
Water & Dust Proof	IP65
Working Duration	16 hours



\*Not available on RQS Lite.