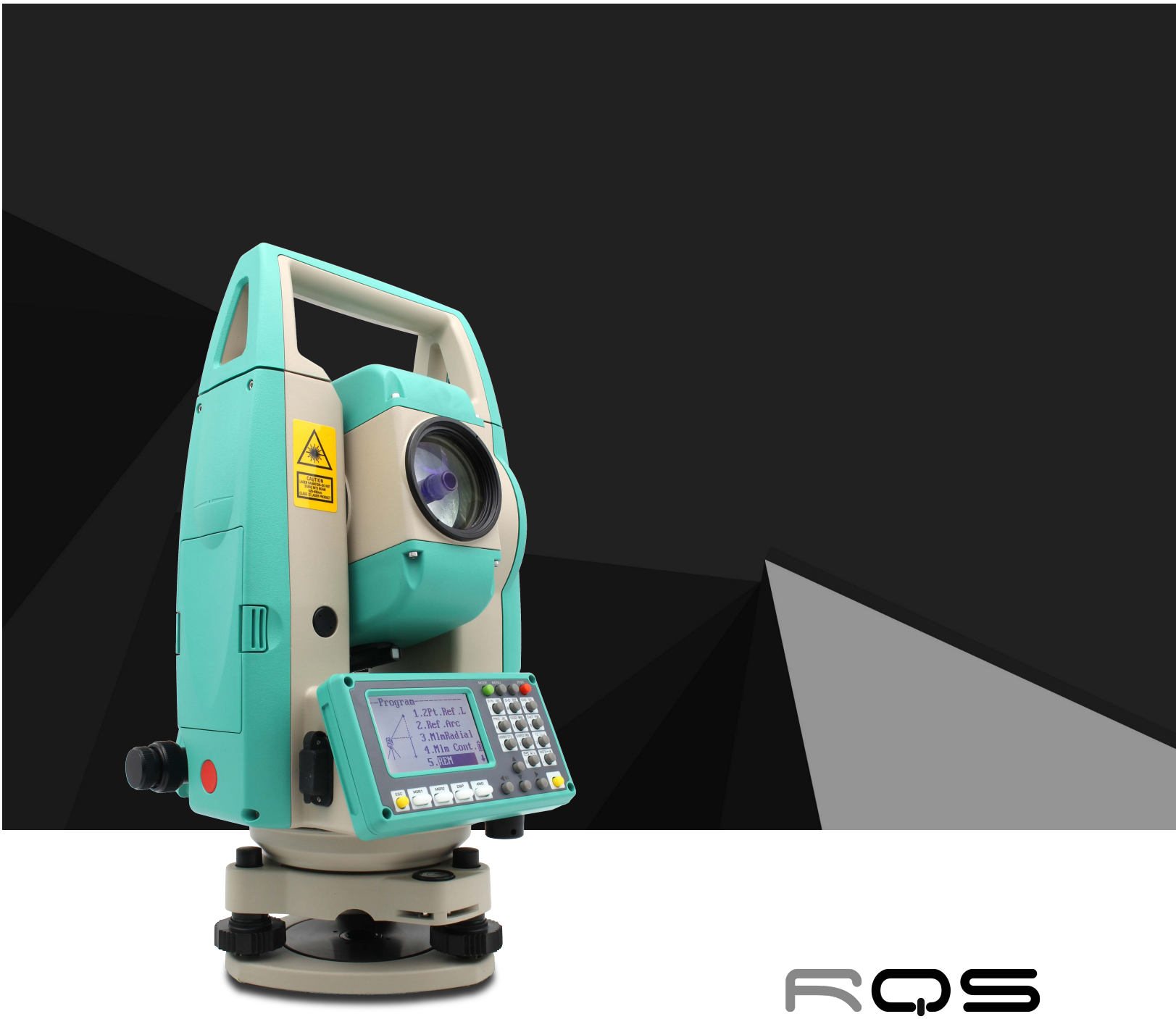
RUIDE

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
Date 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.

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RUIDE Positioning