

Make your
project
easier

KanQ
INSTRUMENT

TOTAL STATION KQS M66

HIGHLIGHT

- 2" angular accuracy
- accurate enough for any construction job
- No-prism range up to 500 meter (1,640 feet)
- Single-prism range up to 3 Kilometers (9,842 feet)
- Triple-Prism range up to 5 Kilometers (16,404 feet)
- Back-lit LCD and telescope reticle
- Built-in illumination (screen)
- Compact and lightweight build



Make your project easier

SPECIFICATIONS

General	
Weight	5.5Kg (12.13lbs)
Dimensions	190mm×175mm×355mm (7.48" L x 6.88" W x 13.97" H)
Warranty	One Year
Internal Memory	Approx. 16,000 Points
Software	Intelligent Calibration Software / Integrated Survey software
Tribrach	Detachable
Angle Measurement	
Measuring Method/Reading System	Absolute Encoding
Detection Method	Level Radial, Vertical Radial
Accuracy	2"
Minimum Reading	1 second/ 5 second/ 10 second
Distance Measurement	
Unit of Measure (distance display)	m/ft
EDM Accuracy (Precision)	±3mm+2ppm (No Prism) ±2mm+2ppm (Single Prism)
Tilt Sensor/Compensator	
Range	±3'
Type	Single Axis
Method	Liquid-electric detection
Battery/Power	
Power Source	Rechargeable 3,000mAh Lithium-Ion Battery
Battery Life	Up to 6 Hours
Battery Life Alert	Visible alert
Laser Plummet	
Accuracy	1.5 mm at 1.5 m instrument height
Class	Class-2
Wavelength	635nm (Red)



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SPECIFICATIONS

Telescope	
Length of Tube	160 mm (6.29 in)
Image Erect	
Diameter of Objective Lens (Aperture)	48 mm (1.88 inches)
Magnification	30x
Field of View	1°30'
Resolving Power	3.75"
Minimum Focus Distance	1 m (3.28 ft)
Ratio of Stadia Lines	No
Sight Distance Precision/Focus Range	≤0.4%D
Reticle Illumination	Yes
Reflectorless	Yes
Quick Sights (Rough Sights)	Yes
Level	
Plate/Tubular Bubble Vial	30"/ 2 mm
Circular Bubble Vial	8' / 2 mm
Electronic Vial	N/A
Display and Keypad Type	High-Resolution Backlight, Black & White Display
Touchscreen	No
Sides	Dual
Keys	Alphanumeric
Temperature	
Operating	-20°C ~ +50°C (-68°F~122°F)
Storage	-40 °C ~ +70 °C (-104°F~158°F)



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TOTAL STATION

KQS M82

HIGHLIGHT

- 2" angular accuracy
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- No-prism range up to 500 meter (1,640 feet)
- Single-prism range up to 3 Kilometers (9,842 feet)
- Triple-Prism range up to 5 Kilometers (16,404 feet)
- High-Resolution LCD colored and telescope reticle
- Built-in illumination (screen)
- Compact and lightweight build



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SPECIFICATIONS

General	
Weight	5.8Kg (12.79lbs)
Dimensions	200mm×210mm×385mm (7.87" L x 8.27" W x 15.16" H)
Warranty	One Year
Internal Memory	Approx. 100,000 Points
Software	Intelligent Calibration Software / Integrated Survey software
Tribrach	Detachable
Angle Measurement	
Measuring Method/Reading System	Absolute Encoding
Detection Method	Level Radial, Vertical Radial
Accuracy	2"
Minimum Reading	1 second/ 5 second/ 10 second
Distance Measurement	
Unit of Measure (distance display)	m/ft
EDM Accuracy (Precision)	±3mm+2ppm (No Prism) ±2mm+2ppm (Single Prism)
Tilt Sensor/Compensator	
Range	±3'
Type	Dual Axis
Method	Liquid-electric detection
Battery/Power	
Power Source	Rechargeable 3,000mAh Lithium-Ion Battery
Battery Life	Up to 6 Hours
Battery Life Alert	Visible alert
Laser Plummet	
Accuracy	1.5 mm at 1.5 m instrument height
Class	Class-2
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Reflectorless	Yes
Quick Sights (Rough Sights)	Yes
Level	
Plate/Tubular Bubble Vial	30" / 2 mm
Circular Bubble Vial	8' / 2 mm
Electronic Vial	N/A
Display and Keypad Type	High-Resolution LCD colored display
Touchscreen	Yes
Sides	Dual
Keys	Alphanumeric
Temperature	
Operating	-20°C ~ +50°C (-68°F~122°F)
Storage	-40 °C ~ +70 °C (-104 °F~158°F)

