



FYTS Series Total Station

FUJIYAMA



Item No: TO5103



Fujiyama FYTS-Series Total Stations

The FYT-S5 Total Station is built with reliability, ease of use and ruggedness in mind and carries a full one-year guarantee. After sales support is provided by our factory trained technicians operating from our fully equipped workshop in Kempton Park.

The FYT-S5 Total Station is compatible with most conventional surveying software products.

MODEL	FYTS-5
TELESCOPE	
Magnification	30x
Angle of view	1°30
Resolution	3.75 "
Shortest viewing distance	1m
Angular accuracy	5 "
Image	erect
DISPLAY	
Resolution	1"
Measuring time - fine mode	2 sec
Measuring time - tracking	0.5 sec
ELECTRONIC DISTANCE METER (EDM)	
Accuracy	2mm + 3ppm
Range Single prism	800m
Range Triple prism	1200m
ELECTRONICS	
Data output	RS-232 std
Onboard Data storage	8000 points

NOTE: Due to rapid developments in technology, specifications and appearance are subject to change without notice.



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RTS Series Total Station



Fujiyama RTS 680-Series Total Stations

The Fujiyama RTS 680 series Total Station consisting of the RTS 682 and the RTS 685 models is Fujiyama's new total stations. Featured with 32bit CPU and one SD card (optional), it works more convenient and quickly. It can be widely used for building, setting out, road layout, topography survey, control survey, etc.

The RTS 682 and the RTS 685 Total Stations are compatible with most conventional surveying software products.

Total Station Specifications

MODEL ITEM NO	RTS-682	RTS-685
TELESCOPE		
Magnification	30x	30x
Field of view	1°30'	1°30'
Resolving power	3.0"	3.0"
Shortest focus distance	1m	1m
Length	156mm	156mm
Image	erect	erect
Angular accuracy	2"	5"
Objective aperture (EDM)	Ø 45mm	Ø 45mm

DISTANCE MEASUREMENT

Single prism	1 - 2500m	1 - 2500m
Three prism	1 - 3000m	1 - 3000m
Accuracy	2mm + 2ppm	2mm + 2ppm
Measuring time	1.5sec / 0.7sec (Fine / Tracking), initial:3sec	
Minimum Reading	- fine/Rapid mode 1mm(0.01ft) - tracking mode 10mm(0.1ft)	
Temp input range	-30°C to +60°C (1°C steps)	
Steps	1°C / 1F (Auto correction selectable)	
Pressure input range	510hPa to 1066hPa (1hPa steps)	
Steps	1hPa/1mmHg (0.1inchHg) auto correction selectable	
Prism constant correction	-99.9mm to +99.9mm	
Distance unit	meter / feet selectable	



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