



DIGITAL THEODOLITE

GTH-02/GTH-05/GTH-10



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Specifications	GTH-02	GTH-05	GTH-10
Telescope			
Length	155 mm	155 mm	155 mm
Objective aperture	45 mm	45 mm	45 mm
Magnification	30 x	30 x	30 x
Image	Erect	Erect	Erect
Resolving power	2.5"	2.5"	2.5"
Field of view (at 100 m)	1° 20'	1° 20'	1° 20'
Minimum focus	1m	1m	1m
Stadia ratio	100	100	100
Stadia constant	0	0	0
Electronic Angle Measurement			
Method	Incremental	Incremental	Incremental
Display Resolutions	1"/5"	1"/5"	5"/10"
Accuracy * 1	2"	5"	10"
Dual - Axis Automatic Compensator Range	± 3'	-	-
Diameter Circle			
	78 mm	78 mm	78 mm
Display			
Display Unit	2 LCD	2 LCD	2 LCD
Display illumination	Built-in	Built-in	Built-in
Keyboard	6 Keys	6 Keys	6 Keys
Interface Connector			
	RS-232C	RS-232C	-
Level Sensitivity			
Plate Level (∕2mm)	30"/2mm	30"/2mm	30"/2mm
Circular Level (∕2mm)	8'/2mm	8'/2mm	8'/2mm
Optical Plummet Telescope			
Magnification	4 x	4 x	4 x
Image	Erect	Erect	Erect
Minimum focus	0.5m	0.5m	0.5m
Tribrach	Detachable	Detachable	Detachable
Dust and Water Protection (Standard)			
	yes	yes	yes
Weight	4.4 kg	4.4 kg	4.4 kg
Power Supply			
Battery	4 AA Batteries	4 AA Batteries	4 AA Batteries
Operating Temperature	-20 to + 50°C	-20 to + 50°C	-20 to + 50°C

*1) Standard Deviation Base On DIN 18723

Important: In order to obtain the best results with this instrument please be sure to review all user instructions prior to operation.