



Giant Precision Instrument Co., Ltd.

MODEL - GT 116

»Specifications

Technical Parameter	5"		
Telescope	Image	Erect	
	Magnification Ratio	30X	
	Effective Aperture of Object Lens	45mm	
	Angle of View	1o30'	
	Shortest Visibility Distance	1.35m	
	Stadia Multiplication Constant	100	
	Stadia Addition Constant	0	
	Resolution	3"	
	Angle Measuring System	Mode of Angle	Photoelectric Incremental
		Measurement	Reading
Min. Reading		1" 5"	
Detection Method		H:	Both Sides
		V:	Single Side
Precision of Angle Measurement		5"	
	Unit of Angle	DEG MIL GON	
	Display	Both	
	Image	Erect	
Optical plummet	Magnification Ratio	3×	
	Angle of View	5o	
	Focusing Range	0.5m ~ ∞	
Sensitivity of vial	tubular vial	30"/2mm	
	circular vial	8'/2mm	
Ambient Temperature	-20oC ~ +50 oC		
Power Supply	Battery	Alkaline battery	
		Rechargeable Ni-H Battery	
	Source Voltage	4.8V	
	Duration of Operation	Alkaline battery 36h	
Weight of Instrument	4.6kg		
Dimensions	164×154×340mm		



»Features

- This series of electronic theodolite adopts the photoelectric incremental angle measuring system. They integrate optical, mechanical, electronic and computer technologies all in one, realizing a variety of functions including angle measurement, display and storage.
- This series of electronic theodolite find wide applications in the Grade III and Grade IV triangle control measurement in national and urban projects, including engineering measurement in railway, highway, bridge, water conservancy, mining projects, etc. It can be also used in various engineering in construction, erection of large equipment and land register and topographic survey and various kinds of engineering measurement.

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