

SOUTH

DT Series THEODOLITE





- FEATURES

- Patented design: horizontal spindle crossing telescope combines higher precision, better stability and perfect shock resistance.
- Absolute encoder angle reading system.
- Large screen LCD display with high-brightness background lighting.

SPECIFICATIONS			
		DT02	DT05
Telescope	Length	155mm	
	Objective aperture	45mm	
	Magnification	30X	
	Image	Erect	
	Field of view	1°30'	
	Resolving power	2.5"	
	Minimum focus	1.3m	
	Stadia ratio	100	
	Stadia constant	0	
Electronic angle measurement	Minimum reading	1"/5"/10"	
	Accuracy (1)	2"	5"
	Diameter of circle	71mm	
Illuminator	LCD	Yes	
	Reticle plate	Yes	
Communication	EDM interface	No	
	Data export interface	Yes	
Tilt Compensation	Electric incline sensor	Vertical angle compensation	
	arrange	±3'	
	Minimum reading	1"	
Optical plummet	Magnification	3X	
	Field of view	5°	
	Focusing range	0.5m—∞	
Level Plate sensibility	Plate level	30"/2mm	
	Circular level	8'/2mm	
Power working time	chargeable battery	10h	
Dimension	Height of instrument	179.5mm	
	Dimensions (DxHxM)	144X 175 Dimension X324mm	
	Weight(with battery)	4.8kg	

