

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 backlighting.

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"	
	Accuracy	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	Dual Axis Liquid-Electric	
	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	LI-ION Rechargeable battery	30h	
	/Battery 2AA spare box	10h	
Temperature	Working	-20°C- +50°C	
Dust and water protection	IP Standard	IP 55	
Dimension	Height of instrument	179.5mm	
	Dimensions (DxHxM)	144X 175 Dimension X324mm	
	Weight(with battery)	4.8kg	

