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Technical Specification

	Technical parameter	SDJ-02	SDJ-05	SDJ-10	SDJ-20
TELESCOPE	Image	Erect			
	Magnification	30x			
	Clear Objective aperture	45mm			
	Angle of field of view	1°30'			
	Shortest stadia	1.35m			
	Stadia multiplying constant	100			
	Stadia additive constant	0			
	Resolving power	3"			
MEASURING ANGLE SYSTEM	Method of measuring angle	Incremental mode readings of photoelectricity			
	Minimum reading	1"5"			
	Method of detecting	H:Two side V:One side			
	Accuracy of measuring angle	2"	5"	10"	20"
	Angle unit	DEG MIL GON			
	Display	two faced LCD			
COMPENSATOR	Tilt sensor	plumb compensation automatically	—	—	—
	Range of compensator	±3'	—	—	—
PLUMMET	Optical	Image	Erect		
		Magnification	3x		
		Angle of field of view	5°		
		Focusing range	0.5m~∞		
Bubble	Accuracy of plate bubble	30"/2mm			
	Accuracy of circular bubble	8'/2mm			
Working environment temperature		-20°C+50°C			
Power Supply	Battery	Dry battery or charged nickel-hydrogen battery			
	Power Voltage	4.8V			
	Continuous operating time	36h			
	Weight of theodolie	4.6kg			
	Dimensions	164x154x340mm			