

SPECIFICATION

	Arc 5Lite	Arc 5	Arc 5High
TELESCOPE			
Tube Length	154mm		
Objective Lens Diameter	Telescope: 45mm; EDM: 50mm		
Magnification	30X		
Image	Erect		
Field of View	1°30'		
Resolving Power	3"		
Min. Focus	1.0m		
DISTANCE MEASUREMENT			
Non-Prism	5000m		
Non-Prism	N/A	1000m	
Accuracy -Prism Mode	±2mm±2ppm	±2mm±2ppm	±1mm±1.5ppm
Accuracy -Non-Prism Mode	N/A	<300m:±3mm±2ppm >300m:±5mm±3ppm	<500m: ±2mm±2ppm >500m: ±3mm±2ppm
Measuring time	fine: 1.0s; tracking: 0.5s		
Meteorologic Correction	Manual Input, Auto Correction		
Prism Constant	Manual Input, Auto Correction		
ANGLE MEASUREMENT			
Method	Absolute Encoding		
Detecting System	H: 2 sides V: 2 sides		
Min Reading	0.5°/1'15"10"		
Accuracy	2"		
Diameter of Circle	78mm		
Vertical Angle 0°	Zenith: 0°/Horizontal 0°		
Unit	360°/400ppm/6400mil		
DISPLAY			
Size	66mm x 42mm; 240°160 Dot Matrix		
No of Display	2		
Keyboard	Alphanumeric 28 Keys		
TILT CORRECTION			
Tilt Sensor	Dual Axis		
Method	Liquid Electric		
Range	±3'	±4'	±6'
Setting Unit	1"		
LEVEL SENSITIVITY			
Plate Level	30°/2mm		
Circular Level	10°/2mm		
DATA STORAGE INTERFACE			
Storage	Internal Memory: 1GB; Max. SD card: 32GB		
Data Interface	SD-card/Mini USB/RG232C/Bluetooth option		
OPTICAL OR INTERNAL LASER PLUMMET			
Focusing Range	0.3m ~ ∞		
Field of View	5°		
Change laser intensity	yes		
GENERAL			
Laser Class -EDM	Class II		
Laser Plummet	Class II		
Working Temperature	-20°C~ +50°C		
Battery Type	Rechargeable Lithium Battery		
Battery Voltage	DC 7.4V		
Working Time	20h		
Water & Dust Proof	IP55	IP55	IP66
Guide Light	N/A	N/A	Option
Quick-read button	N/A	N/A	Option

STANDARD PACKAGE COMPONENTS

Carrying Case X 1
Charger X 1
Battery X 2
Rain Cover X 1
Mini USB Cable X 1
Carrying Belt X 2
Plumb X 1
Adjusting Pin X 1

Screw Driver X 1
Wiping Cloth X 1
Lens Cover X 1
SD-Card X 1
Multi-port Cable X 1
Warranty Card X 1
Reflecting Sheet X 1
User Manual X 1

OPTIONAL ACCESSORIES



SANDING
EVERY POINT MATTERS

TOTAL STATION

Arc 5

New 1000m Reflectorless EDM



Dealer Info

SANDING

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