

SPECIFICATION

Arc 5 Pro

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	
Single Prism	5000m
Non-Prism	1000m
Accuracy -Prism Mode	±2mm+2ppm
-Non-Prism Mode	<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°/5°/10°
Accuracy	2"
Diameter of Circle	79mm
Vertical Angle 0°	Zenith: 0°/Horizontal: 0°
Unit	360°/400gon/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	±4° (option ±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/RS232C/Bluetooth option
OPTICAL OR INTERNAL LASER PLUMMET	
Focusing Range	0.3m ~ ∞
Field of View	5°
Change laser intensity	yes
GENERAL	
Laser Class -EDM	Class I
-Laser Plummet	Class II
Working Temperature	-20°C ~ +50°C
Battery Type	Rechargeable Lithium Battery
Battery Voltage	DC 7.4V
Working Time	Up to 20h
Water & Dust Proof	IP66
Guide Light	N/A
Quick-read button	yes

*1. Good condition: No haze, visibility about 40km, overcast, no scintillation.

*2. With Solar Grey Card white side (90% reflectance).

*3. 0.5m for distance.

*4. Typically, under good condition, non-prism measuring time may differ according to measuring target, observation situations, and environmental conditions.

*5. According to IEC61010-1:2010.

SANDING
EVERY POINT MATTERS

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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

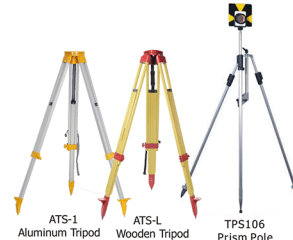
OPTIONAL ACCESSORIES



TPS26
Single Prism System



TK21SET
Prism Set



TOTAL STATION

Arc 5 Pro

New 1000m Reflectorless EDM

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Dealer Info

