

## Technical Data

## Selectable accessories



Common AA battery\Rechargeable battery



ATS-2

Tripod

ATS-3



Filter



Diagonal eyepiece

	ET-02	ET-05	ET-10	ET-20	
<b>TELESCOPE</b>					
Image	Erect				
Magnification	30X				
Effective aperture	45mm				
Resolving Power	3"				
Field of view	1°30'				
Minimum focusing distance	1.4m				
Stadia ratio	100				
Stadia constant	0				
Tube length	157mm				
<b>ANGLE MEASUREMENT</b>					
Reading system	Photoelectric detection by incremental encoder				
Diameter of circle(VHz)	79mm				
Minimum reading	1"/5"(Selectable)		10"/20"(Selectable)		
Accuracy	2"	5"	10"	20"	
	Horizontal angle	Dual	Dual	Dual	Dual
	Vertical angle	Dual	Single	Single	Single
<b>DISPLAY</b>					
(LCD)Display type	2 sides,segment LCD in two lines				
<b>DATA OUTPUT</b>					
Data I/O	RS-232C				
<b>LEVEL SENSITIVITY</b>					
Plate level	30"/2mm(30"per 2mm)				
Circular level	8'/2mm(8'per 2mm)				
<b>AUTO VERTICAL COMPENSATOR</b>					
System	Liquid-electric detection/plate level selectable				
Working range	±3'				
Accuracy	1"(Liquid -electric detection) 30"/2mm(plate level)				
<b>OPTICAL PLUMMET TELESCOPE</b>					
Image	Erect				
Magnification	3X				
Focusing range	0.5m-8				
Field of view	5°				
<b>PHYSICAL CHARACTERISTICS</b>					
Operating temperature	-20? -+45?				
Internal power supply	Rechargeable Ni-H battery/AA battery				
Voltage	6VDC				
Operating time	10 hours				
Dimension	L145×H318×W179mm				
Weight	5.2kg				