

# SPECIFICATIONS

ITEM	MODEL	AT-G1	AT-G2	AT-G3	AT-G4	AT-G6	AT-G7
<b>Telescope</b>							
Length (mm/in.)		229/9	229/9	230/9	192/7.7	193/7.7	204/8
Image		Erect	Erect	Erect	Erect	Erect	Erect
Magnification		32x	32x	30x	26x	24x	22x
Objective lens (mm/in.)		45/1.8	45/1.8	40/1.6	30/1.2	30/1.2	30/1.2
Relative brightness		1.98	1.98	1.78	1.33	1.56	1.86
Field of view		1°20'	1°20'	1°30'	1°30'	1°30'	1°30'
Resolving power		2.5"	2.5"	3.0"	3.5"	4.0"	4.0"
Minimum focus (m/ft.)		1.0/3.2	1.0/3.2	0.5/1.6	0.5/1.6	0.5/1.6	0.9/2.9
Stadia constant (m)		0	0	0	0	0	0.1
Stadia ratio		100	100	100	100	100	100
<b>Accuracy</b>							
Sensitivity (1/2mm)		8'	8'	8'	8'	8'	10'
Setting accuracy		±0.3"	±0.3"	±0.3"	±0.3"	±0.3"	±0.5"
Compensating range		±15'	±15'	±15'	±15'	±15'	±10'
<b>Accuracy (km Double Run Level)</b>							
w/o optical micrometer (mm)		±0.7	±0.7	±1.5	±2.0	±2.0	±2.5
with optical micrometer (mm)		±0.4	±0.4	±1.0	—	—	—
<b>Optical Glass</b>							
Diameter (mm/in.)		90/3.5	117/4.7	117/4.7	117/4.7	117/4.7	102/4.0
Minimum division		10'(0.1g)	1°(1g)	1°(1g)	1°(1g)	1°(1g)	1°(1g)
<b>Weight</b>							
Instrument (kgs./lbs.)		2.1/4.6	1.8/4.1	1.8/4.1	1.6/3.5	1.6/3.5	1.2/2.6
Plastic carrying case (kgs./lbs.)		1.3/2.9	1.3/2.9	1.3/2.9	1.3/2.9	1.3/2.9	1.2/2.6

In order to obtain the best results with this instrument, please be sure to review all user instructions prior to operation.

\* Designs and specifications herein are subject to change without notice.



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