

### Specification of Theodolite

S.N.	Parameter	Specifications	Remarks
<b>Angle measurement</b>			
1	Measuring Method	Absolute Code	
2	Raster Diameter	Maximum 80 mm	
3	Display Unit	Minimum 5" (Inch)	
4	Accuracy	Maximum $\pm 2''$ (Second)	
5	Horizontal Angle	Dual	
6	Vertical Angle	Dual	
<b>Telescope</b>			
7	Image	Erect	
8	Tube Length	155 mm to 160 mm	
9	Effective Aperture	45mm $\pm$ 1mm (EDM:50mm)	
10	Magnification	Minimum 30x	
11	Field of view	Minimum 1°30'	
12	Focusing Distance	Minimum 1.4m	
13	Resolving Power	Maximum 3" (Second)	
14	Stadia Ratio	100	
15	Stadia Constant	0	
<b>Auto compensator</b>			
16	System	Liquid-Electric Detection	
17	Work Range	Minimum $\pm 3'$	
18	Resolving Power	Maximum 1" (Second)	
<b>Plate Vial</b>			
19	Plate Vial	30"/2mm	
20	Circular Vial	10'/2mm	
<b>Optical plummet</b>			
21	Image	Erect	
22	Magnification	Minimum 3x	
23	Focusing Range	Minimum (0.5m~ $\infty$ )	
24	Field of View	Minimum 5°	
<b>Display</b>			
25	Type	LCD Display 2 Sides	
<b>Battery</b>			
26	Power Supply	Rechargeable Ni-H Battery/AA Battery	
27	Voltage	DC 6V	
28	Continuous Operation Time	Minimum 10 Hours	
<b>Terms and Conditions</b>			
29	Standard	ISO or Equivalent	
30	Warranty	Minimum 1 year/provided by OEM whichever is greater	

### Specification of Scientific Calculator

S.N	Parameter	Specifications	Remarks
1	Number of Functions	Minimum 401	
2	Type	Non programmable	
3	Digit	Minimum (10 digit mantissa +2 digit exponential value)	
4	Display	Dot Matrix Display or better	
5	Multi replay	Quick and easy recall of previously executed formulas for editing and re-execution	
6	Features (Should have)	S-V.P.A.M(Super Visually Perfect Algebraic Method)	
		STAT data Editor Function	
		Metric conversion function	
		Standard Statistics functions as SUM, Standard Deviation and Regression	
		Basic mathematical Functions Trigonometric, Exponential logarithmic	
		Constant Symbols using facility	
7	Base-n calculation	Binary/Octal/Hexadecimal	
8	Keypad	Color coded	
9	Power	Solar powered when light is sufficient, battery power in insufficient light	
10	Body	Hard plastic with Sliding case and plastic keys	
11	Standard	ISO or Equivalent	
12	Warranty	Minimum 1 year/Provided by OEM whichever is greater	