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**DISTANCE MEASUREMENT**

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Range	300m
Accuracy	$\pm(3\text{mm}+2\text{ppm}\cdot\text{D})$
Measure Speed	Continuous: 0.35s; Fine: 1.5s
Atmosphere Correction	Manual input, auto correct
Prism Constant	Manual input, auto correct

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**ANGLE MEASUREMENT**

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Type	Absolute Encoding
Minimum Reading	1"
Accuracy	2"
Detection Method	Horizontal: dual; Vertical: dual

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**TELESCOPE**

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Image	Erect
Magnification	30x
Effective Aperture	40mm
Resolving Power	3"
Field of View	1°30'
Minimum Focus	1.5m
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Tube Length	155mm

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**COMPENSATOR**

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Type	Single Axis
Working Range	3'
Accuracy	3"

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**LEVELING**

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Plate Vial	30"/2mm
Circular Bubble	8'/2mm

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**LASER TUBE**

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Wave Length	635 $\pm$ 20nm
Class	Class II
Spot Diameter	$\leq 5\text{mm}/100\text{m}$
Axis Error	$\leq 10''$

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**LASER PLUMMET**

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Accuracy	31.5mm
Class	Class II
Length	635 $\pm$ 20nm
Spot Diameter	32.5mm

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**DISPLAY UNIT**

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Size	2.7", 160*96 dot
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Display	4 lines
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**POWER SUPPLY**

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Battery	Removable, rechargeable Li-on battery
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Voltage	7.4V
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Working Time	8 hrs
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**ENVIRONMENT**

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Working Range	-20°C to 50°C
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**PHYSICAL**

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Size	165*160*340mm
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Weight	4.7kg
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