

ACCURACY

Standard Deviation (1 km double run - ISO 17123-2)

Electronic measurement	±1.5mm
Optical measurement	±1.5mm
Distance measuring accuracy	D ≤10m <±10mm D >10m <±0.2 %×D ⁽¹⁾

ELECTRONIC MEASUREMENT

Time for single measurement	< 2s
Measuring range	2-80m
Measuring mode	single, tracking

DISPLAY RESOLUTION (mm/ft)

Height	1/0.01
Distance	10/0.1

TELESCOPE

Image	Erect
Magnification	28x
Clear objective aperture	45mm
Field of view at 100m	2.6m
Shortest focusing distance	0.8m

AUTOMATIC COMPENSATOR

Working range	15'
Setting accuracy	±0.4"

POWER

Battery (B31-1400)	Li-ion, 2000mAh, 7.4V rechargeable
Continuous operation time	Approx. 40 hours

MEASUREMENT PROGRAMS

On-board programs	DH, inverse staff measurement, i error checking and adjustment
-------------------	--

OTHERS

Display	Segment display
Keyboard	Function key board, 6 keys
Interface (for firmware upgrades)	RS-232C
Sensitivity of circular level	8"/2mm
Water and dust protection	IP54
Operating temperature	-20°C ~ +50°C
Net weight	2kg

WHAT IS IN THE BOX

Stonex D1 Digital Level instrument unit	B3120, flexible barcode tape (2m)
Transport case	Plastic Rain cover
BT32, Li-Ion battery, 7.4V, 2.000mAh	Wrench (2.5mm)
FDJ6-L1, battery charger 110/220V for BT32/BT82/BT 43	Wrench (3mm)
	Adjusting pin

1. Using Stonex fiberglass staff p/n 30-070051