

EL03/EL302A Digital Level



- Far measuring range: $\leq 110\text{m}$
- Accuracy: EL03 $\leq \pm 0.3\text{mm}$, EL302A $\leq \pm 0.7\text{mm}$
- Reliable reading, even in dim light conditions
- Onboard programs, such as BF, BFFB, BFBB, BBFF, FBBF, stake out, intermediate
- LCD display presents all important measured data at a glance and shows the next step to take
- Quicker and easier than an optical level; Easy one-touch operation, simply push the MEAS button
- Quick height and distance result - the reading is displayed almost instantly with measurement

EL03/EL302A Digital Level

Features

- LCD display, with illumination
- Alphanumeric keyboard, 24 keys
- Automatic height and delta height calculation
- Optical reading is available
- Internal memory(3000 points) or SD card for data storage, supports RS-232C port for data transfer

Technical data



	EL03	EL302A
Accuracy		
Standard deviation of 1km double run(ISO 17123-2)		
Electronic measurement	±0.3mm*	±0.7mm*
Optical measurement	±1.5mm*	±1.5mm*
Electronic measurement		
Time for single measurement	≤2s	
Range	2-110m	2-105m
Measurement modes	Single, average, tracking	
Display resolution(m/inch selectable for EL03/EL302A)		
Height	0.01mm/0.00001ft	
Distance	1mm/0.001ft	
Telescope		
Clear objective aperture	45mm	
Magnification	30×	
Field of view at 100m	2.6m	
Shortest focus distance	1.0m	
Automatic compensator		
Working range	14'	
Setting accuracy	±0.3"	±0.5"
Power		
Battery	2000mAh Ni-MH rechargeable	
Continuous operation time	12 hours(At+12°C)	
Measurement programs		
On-board programs	BF, BFFB, BFBF, BBFF, FBBF, Stake out, intermediate	
Onboard adjustment	YES	
Others		
Memory	3000 points, support SD card	
Display	LCD, 7linesX32characters	
Keyboard	Alphanumerical key board	
Interface	RS-232C	
Sensitivity of circular level	8'/2mm	
Water and dust protection	IP54	
Operating Temp	-20°C~ +50°C	
Net Weight	3kg	

* Depending on staff and levelling technique.

Illustrations, descriptions and technical specifications are not binding and may change

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