



## EL20 series Digital Level

Attractive designs, high quality with lower prices  
Trigger key for one touch operation



EL20 series digital level is designed with new code processing and auto-leveling technology. Its outstanding features make EL20 series applied for built and construction measurement.

EL20 series can replace tradition optical level with high quality but lower price. Easy one-touch operation with trigger key to get dH and HD displayed on screen almost instantly, you always read error-free and enjoy your work.

# EL20 Series Digital Level



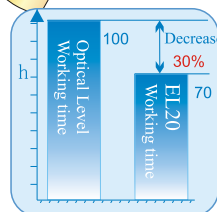
## Technical data

|  | EL24                      | EL28   |
|--|---------------------------|--|
| Accuracy   |                           |  |
| Height standard deviation of 1km double run(ISO 17123-2) |                           |  |
| Electronic measurement                                   | ±2.0mm*                   | ±1.5mm*  |
| Optical measurement                                      | ±2.0mm*                   | ±1.5mm*  |
| Distance measurement                                     | 10mm,<br>±0.2% × D, D>10m | D≤10m  |
| Electronic measurement                                   |                           |  |
| Time for single measurement                              |                           | ≤2s  |
| Range  |                           | 2-80m  |
| Measurement modes  |                           | Single, tracking   |
| Display resolution(m/inch selectable )                   |                           |  |
| Height   |                           | 1mm/0.01ft   |
| Distance   |                           | 10mm/0.1ft   |
| Telescope  |                           |  |
| Clear objective aperture                                 |                           | 45mm   |
| Magnification  | 24×                       | 28×  |
| Field of view at 100m                                    |                           | 2.6m   |
| Shortest focus distance                                  |                           | 0.8m   |
| Automatic compensator                                    |                           |  |
| Working range  |                           | 15'  |
| Setting accuracy   |                           | ±0.4"  |
| Power  |                           |  |
| Battery  |                           | 2000mAh Ni-MH rechargeable                                       |
| Continuous operation time                                |                           | Approx. 40 hours   |
| Measurement programs                                     |                           |  |
| On-board programs  |                           | DH, inverse staff measurement<br>I error checking and adjustment |
| Others   |                           |  |
| Display  |                           | Segment display  |
| Keyboard   |                           | Function key board, 6keys  |
| Interface  |                           | RS-232C  |
| Sensitivity of circular level                            |                           | 8' /2mm  |
| Water and dust protection                                |                           | IP54   |
| Operating Temp   |                           | -20°C~ +50°C   |
| Net Weight   |                           | 2kg  |

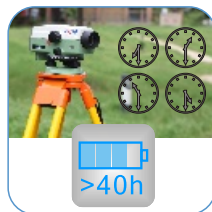
\* Depending on staff and levelling technique.



Easy one-touch operation, simply push the trigger key



Quicker and easier than an optical level  
Efficiency increased by 30%



The battery could work more than one week  
Compact design



Quick height and distance result-  
the reading is displayed almost  
instantly with measurement



Advance compensator  
checking button

## Related Products



DS03



EL302A

B3120  
Bar code tape

B2650(5m)

B2620(2m)

B2630(3m)

Bar code staff

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

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