

# LEVELNIC DL-S3/DL-S3C



High accuracy Level with Simple & Clear Operation.  
Worlds first Digital Level with built-in Microcomputer.

## ■ Rechargeable Battery (DL-S3C)

## ■ Digital Display 0.001mm/m



For vertical measurement ▶  
L-type Base  
 P112

For display measured value for two connections ▶  
Transmitter and display set  
 P116

For wireless communication ▶  
Wireless Adapter  
 P116

For setting a fixed pitch ▶  
Levelnic Base with Adjustable Pitch  
 P121

For flatness and straightness calculation ▶  
Levelnic Measurement Software  
 P122  
~123

Rust prevention ▶  
Zerust Film for Steel  
 P322

### USE

- High precision leveling of machine tools and surface plates. Straightness, flatness, and vertical measurement.

### MATERIAL

- Body: Aluminum
- Base: Cast Iron

### FEATURES

- Easy to fix the datum point, divide measurement value into halves with one-touch operation (With "0" cal. switch, 1/2 cal. switch)
- Measurement value can be output with RS232 signal
- Custom-made base can be attached to the threaded screw holes in the bottom base (M5×P0.8) in the bottom of Level base (Flat base)
- DL-S3C is rechargeable type. It can be charged when not in use.

### SPECIFICATIONS

Model No.	DL-S3	DL-S3C
Measuring Range*1	± 5.00mm/m · ± 0.286°	
Minimum Reading	0.001mm/m · 0.0001° (0 ~ ± 2mm/m · 0 ~ ± 0.115°) 0.01mm/m · 0.001°	
Operating Temperature	0 ~ 40°C	
Accuracy *2	Operating temperature 17 ~ 23°C ± 0.85% rdg (0 ~ ± 2mm/m · 0 ~ ± 0.115°) ± 1.0% rdg (± 2 ~ ± 5mm/m · ± 0.115° ~ ± 0.286°) Operating temperature 0 ~ 40°C ± 2.6% rdg (0 ~ ± 2mm/m · 0 ~ ± 0.115°) ± 2.7% rdg (± 2 ~ ± 5mm/m · ± 0.115° ~ ± 0.286°)	
Repeatability	within ± 0.005mm/m · ± 0.0003°	
Output Signal	Conforms to RS-232C	
Charging time	—	12hours (when fully charged)
Power Source	9V dry cell, 1 pc AC adapter (100V ~ 240V)	Ni-MH rechargeable 8.4 nominal voltage, 200mAh
Run time (continuous use) *3	Zinc-carbon Cell: approx. 10 hrs. Alkaline Cell: approx. 20 hrs.	12hour charge... approx. 9hrs. 8hour charge... approx. 6hrs. 4hour charge... approx. 2hrs.
Dimensions	L172 × W65 × H129mm (Base dimension: L150 × W55mm)	
Accessories	<ul style="list-style-type: none"> <li>● Shock resistant aluminum case</li> <li>● Warranty, instruction manual, inspection report</li> <li>● AC adapter (DC9V output, AC100V ~ 240V)</li> <li>● 9V dry cell</li> </ul>	<ul style="list-style-type: none"> <li>● Shock resistant aluminum case</li> <li>● Warranty, instruction manual, inspection report</li> <li>● AC adapter (DC15V output)</li> <li>● 8.4V 006P type rechargeable battery</li> </ul>

\* 1 : For DEG (°) Display mode, "0 (Zero) " before the decimal point is not displayed.

For 0.001mm/m (0.0001°) display mode, maximum reading which can be displayed is less than ± 1.999mm/m (± 0.1145°)

\* 2 : % rdg indicates the percentage of displayed value

\* 3 : May vary depending upon measurement conditions

Order No.	Model No.	Weight
010013	DL-S3	2.2kg
010030	DL-S3C	2.2kg

### ■ With V Groove (available on request)

Model	DL-S3V
Tolerance	Within 0.1mm/m ( On condition that the bubble in the sub-bubble tube is within the base line)
Tolerance Between Flat and V Groove	Within 0.05mm/m
Angle of V Groove	130° ( for cylindrical objects up to φ 65mm )