



LEVELNIC DL-S3



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

■ Digital Display
 0.001mm/m



- MATERIALS
- 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
 - Connectible to PC or Printer with RS232 interface
 - Custom-made base can be attached to the threaded screw holes in the bottom base

■ SPECIFICATIONS

Measuring Range	± 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	17 ~ 23°C	± 0.85%rdg (0 ~ ± 2mm/m · 0 ~ ± 0.115°) ± 1.0%rdg (± 2 ~ ± 5mm/m · ± 0.115° ~ ± 0.286°)
	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	
Dimensions	L172 × W65 × H129mm (Base Dimension : L150 × W55mm)	

※ 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

Model No.	DL-S3	DL-S3C
Charging time	—	12hours (when fully charged)
Power Source	"9V" type dry cell, 1 pc AC adapter	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

※ 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)