Digital Handheld Salt METER

Model : PSA-312　　　　　　**ISO-9001,　CE, IEC1010**

Lutron

The Art of Measurement

Digital Handheld Salt METER

Model : PSA-312

FEATURE

1   All in one pen type Salt meter provides fast, accurate readings with digital reading.
2   Salt measurement (%)
3   Salt measurement: 0 ~ 5.0 %.
4   Temperature measurement : 0 ~ 100 ℃
5   Pt electrode for long life.
6   Build in temperature sensor, ATC (auto temperature compensation).
7   Temperature measurement, ℃, ℉.
8   IP67, water proof and protection.
9   LCD with two displays show Salt and Temp. value at same time.
10 Data hold function for freezing the desired value.
11 Auto power off to save the battery life.
12 Records max. and min. value with recall.
13 Microcomputer circuit, intelligent function, high accuracy.
14 Compact size, light weight.
15 Power supply by DC 1.5 V battery (UM4/AAA) x 4 PCs,
16 Available for wide applications, such as beverage, food processing, laboratory, quality control, water conditions.

GENERAL SPECIFICATION

Display	LCD, size: 20 mm x 28 mm.
Measurement	* Salt (%) * Temperature
Salt Probe Structure	Pt electrode for long life.
Data Hold	Freeze the display reading.
Memory Recall	Maximum & Minimum value.
Sampling Time	Approx. 0.8 second.
Circuit	Custom one-chip of microprocessor LSI circuit.
Power off	Auto shut off saves battery life or manual off by push button. * *Power will off automatically after 10 min., if no button be pressed.*
Meter Operating Temperature	0 to 50 ℃ (32 to 140 ℉).
Meter Operating Humidity	Less than 80% RH.
Power Supply	DC 1.5V battery (UM-4/AAA) x 4 PCs.
Power Consumption	Approx. 5.7 mA.
Dimension	190 x 40 x 40 mm (7.5 x 1.6 x 1.6 inch).
Weight	171 g/0.38 LB.
Standard Accessories	Instruction Manual 1 PC SALTPB-01 1 PC
Power off	Auto shut off saves battery life or manual off by push button. * *Power will off automatically after 10 min., if no button be pressed.*
Optional Accessories	* Soft carrying case with sash (210 x 80 x 50 mm), Model: CA-52A * Hard carrying case (280 x 195 x 65 mm), Model: CA-06

ELECTRICAL SPECIFICATIONS (23± 5 ℃)

SALT

Measurement Ranges	* Salt (%): 0 ~ 5.0 % Salt (% weight) * Temperature (℃,℉) : 0 ~ 100 ℃
Resolution	Salt (%): 0.1 % Solt
Accuracy (23 ±5 ℃)	*SALT:* *0 ~ 3.0% Salt: (± 0. 2)* *3.1 ~ 5.0% Salt: (± 0. 4)*

Temperature

Function	Measuring Range	Resolution	Accuracy
℃	0 ℃ to 100 ℃	0.1 ℃	0.8 ℃
℉	32 ℉ to 212 ℉	0.1 ℉	1.5 ℉
@ 23±5 ℃			

* Above specification tests under the environment RF Field Strength less than 3 V/M & frequency less than 30 MHz only.

* Appearance and specifications listed in this brochure are subject to change without notice.

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