Pocket Salinity Tester

LPST-A1 Series

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Pocket Salinity tester LPST-A1 series comes with 1-3 point calibration system. Equipped with platinum sensor, it provides fast and reliable results. The System menu allows setting of up to 5 parameters. It measures salinity of water and other low and high salt concentrated solutions. Equipped with replaceable electrode helps to reduce the maintenance cost.

Common Features

>> Low to high measurement range of salinity

>> Equipped with platinum sensor

>> 1-3 points push button calibration with automatic recognition of calibration solutions

>> Automatic temperature compensation for accurate measured value over the entire range

>> Auto hold function freezes stable, final readings for better viewing and recording

>> Automatic power off helps to reduce battery power consumption

>> Waterproof features guarantees protection against harsh conditions

>> Battery indicator to show the remaining battery capacity

>> Reset function automatically resumes all the settings to default mode

>> System menu allows setting of up to 5 parameters

Applications

Pocket salinity tester measures Salinity i.e. dissolved salt from pure water, brine water, aquarium water, food & beverage processing units & other industrial applications.

Specifications

Model no.	LPST-A10	LPST-A11
Salinity measurement range	0.00 to 10.00 ppt	0.00 to 80.00 ppt
Salinity accuracy	±1% F.S	
Conductivity range	0-20.00, 200.0, 2000μS/cm, 20.00mS/cm	0-200.0 μS/cm, 100- 2000μS/cm, 20.00mS/cm
Calibration solutions	84μS/cm, 1413μS/cm, 12.88mS/cm	1413μS/cm, 12.88mS/cm, 111.8mS/cm
Conductivity accuracy	±1% F.S	
Calibration points	1-3 points	
Temperature compensation range	0 to 60°C, 32 to 140°F	
Temperature accuracy	±1°C	
Temperature coefficient	2%/°C	
Normalization temperature	25°C	
Reset function	Yes	
Cell constant	K=1	
Data hold function	Manual or automatic endpoint detection	
Power off	Manual or automatic (8 minute after last key is pressed)	
Sensor type	Platinum sensor	
Battery life	Approximately 200 hours	
Power	2*1.5V AAA batteries	
Dimension (L*Dia.)	185×40 mm	
Weight	100 g	

Standard accessories

• 84μS/cm, 1413μS/cm, 12.88mS/cm, 111.8mS/cm calibration standard solutions

• AAA Batteries

• Carrying case

Optional accessories

• 84μS/cm, 1413μS/cm, 12.88mS/cm, 111.8mS/cm calibration standard solutions

• Platinum conductivity electrode