

POCKET CONDUCTIVITY TESTER

LPCT-A1 SERIES



Pocket Conductivity tester LPCT-A1 series

Pocket Conductivity tester LPCT-A1 series is equipped with platinum sensor & 1 point push button calibration system. The easy to use pocket conductivity meter comes with waterproof features design for protection against harsh conditions. Conductivity meter on the basis of its low, mid and high conductivity measurement range can be used for measuring conductivity of drinking water, waste water, brine water and liquids with high, low conductivity.

Features

- » Equipped with platinum sensor
 - » Low, mid, high conductivity range of meter for use
 - » 1 point push button calibration to adjust the display value to known standard
 - » Auto hold function freezes stable, final readings for better viewing and recording
 - » Automatic temperature compensation for accurate measured value over the entire range
 - » Automatic power off helps to reduce battery power consumption
 - » Waterproof features guarantees protection against harsh conditions
 - » Replaceable electrode module to reduce the maintenance , replacement cost
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Applications

Pocket Conductivity tester on the basis of its low, mid and high conductivity measurement range can be used for testing conductivity of pure water, drinking water , waste water, brine solutions and liquids.

Specifications

Model no.	LPCT-A10	LPCT-A11	LPCT-A12
Conductivity measurement range	1.0 to 199.9 $\mu\text{S}/\text{cm}$	10 to 1999 $\mu\text{S}/\text{cm}$	0.1 to 19.99 mS/cm
Type of conductivity	Low range conductivity	Mid-range conductivity	High range conductivity
Conductivity accuracy	$\pm 1\%$ F.S.		
Conductivity calibration points	1 point		
Conductivity calibration solutions	146.5 $\mu\text{S}/\text{cm}$	1413 $\mu\text{S}/\text{cm}$	12.88 mS/cm
Sensor type	Platinum sensor		
Temperature compensation	0-50°C		
Temperature coefficient	2%/°C		
Cell constant	K=1		
Normalization temperature	25°C		
Data hold function	Manual		
Display	LCD screen		
Power off	Manual or automatic (8 minutes after last key is pressed)		
Power	3×1.5V "G134" batteries		
Battery life	Approximately 150 hours		
Dimension (L*dia.)	185×40 mm		
Weight	100 g		

Standard accessories

- 146.5 $\mu\text{S}/\text{cm}$, 1413 $\mu\text{S}/\text{cm}$, 12.88 mS/cm conductivity standard solutions
- G134 batteries
- Carrying box

Optional accessories

- 84 $\mu\text{S}/\text{cm}$, 1413 $\mu\text{S}/\text{cm}$, 12.88 mS/cm , 111.8 mS/cm conductivity standard solutions
- Platinum conductivity electrode