POCKET TDS TESTER
LPTS-A SERIES

Pocket TDS tester LPTS-A1 series

Pocket TDS tester LPTS-A series is equipped with platinum sensor & 1 point push button calibration system. It is easy to use & with waterproof features design it provides protection against harsh conditions. The standard platinum sensor provides fast and reliable measuring results. Total dissolved solid content present in drinking water, waste water, swimming pool & aquarium water can be measured using pocket TDS meter as they comes with Low, mid, high TDS measurement range.

Features

- Selectable TDS conversion factor for accurate measurements

- 1 point push button calibration to adjust the display value to known standard

- Equipped with platinum sensor

- Low, mid, high TDS measurement range of meter for applications

- 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

- Replaceable electrode module to reduce the maintenance , replacement cost

Applications

Pocket TDS tester is used to measure TDS content in waste water, swimming pool & aquarium, pure water, drinking water. It is also used in educational and other industrial applications for TDS measurement from test samples.

Pocket TDS tester LPTS-A1 series

Specifications

Model no.	LPTS-A10	LPTS-A11	LPTS-A12
TDS range	0.5-100.0 ppm	5-1000 ppm	0.05-10.00 ppt
TDS accuracy	±1% F.S.		
TDS factor	0.4 to 1.0 (default 0.5)		
Calibration points	1 point		
TDS type range	Low range TDS	Mid-range TDS	High range TDS
Calibration solutions	71.8 ppm	744.7 ppm	7447 ppm
Type of sensor	Platinum sensor		
Temperature compensation	0-50°C, Automatic		
Temperature coefficient	2%/°C		
Normalization temperature	25°C		
Operating temperature	0-60°C, 32-140°F		
Connector	6 pin		
Display	LCD screen		
Data hold function	Manual		
Battery life	Approximately 150 hours		
Power off	Manual or automatic (8 minutes after last key is pressed)		
Power	3*1.5V "G13A"		
Dimension (L*dia.)	185×40 mm		
Weight	100 g		

Standard accessories
- G134 button cell batteries
- Carrying box
- TDS standard solution (71.8 ppm) (744.7 ppm) (7447 ppm)

Optional accessories
- 71.8ppm, 744.7ppm, 7447ppm TDS standard solutions
- Platinum conductivity electrode

Pocket TDS tester LPTS-A20

Multi-range pocket TDS tester LPTS-A20 comes with 1-3 points calibration system. Equipped with platinum sensor provides fast and reliable results. The battery indicator shows the remaining battery capacity on display screen. The System menu allows setting of up to 5 parameters. Equipped with reset features. It can measure TDS content of all liquids and low, mid, high concentration solutions.

Features

- Selectable TDS conversion factor for accurate measurements
- 1-3 points push button calibration to adjust the display value to known standard
- Equipped with platinum sensor
- 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
- 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
- Replaceable electrode module to reduce the maintenance , replacement cost

Applications

Multi-range pocket TDS tester can measure TDS content of solutions, liquids used in electroplating & printing industry, beverage industry, water & waste water, aquarium units.

Pocket TDS tester LPTS-A20

Specifications

Model no.	LPTS-A20
TDS range	0-20 ppt
TDS accuracy	±1% F.S.
TDS factor	0.1 to 1.0 (default 0.5)
Calibration points	1-3 points
TDS type range	Low range TDS
Calibration solutions	100 ppm, 1000 ppm, 10 ppt
Type of sensor	Platinum sensor
Temperature compensation	0-60°C, Automatic
Temperature coefficient	2%/^{o}C
Normalization temperature	25°C
Operating temperature	0-60°C, 32-140°F
Connector	6 pin
Display	LCD screen
Data hold function	Manual
Battery life	Approximately 150 hours
Power off	Manual or automatic (8 minutes after last key is pressed)
Power	2*1.5V "AAA"
Dimension (L*dia.)	185×40 mm
Weight	100 g

Standard accessories
- AAA batteries
- Carrying box
- TDS standard solution 71.8ppm, 744.7ppm, 7447ppm

Optional accessories
- 71.8ppm, 744.7ppm, 7447ppm TDS standard solutions
- Platinum conductivity electrode