

Portable Conductivity/TDS/Salinity Meter



Model : YR01818

Portable Conductivity/TDS/Salinity Meter

Manufacturer : Kalstein

Price : \$ 1,215.00

Description :

YR01818

Portable Conductivity/TDS/Salinity Meter

Professional portable TDS meter with conductivity, salinity and resistivity measurement modes, setup menu contains 11 optional parameters.
Accuracy: 1% F.S.

Features:

- Multiparameter portable TDS meter is equipped with a large backlit LCD display.
- 1 to 5 points push-button calibration, automatically recognizes the calibration solutions.
- Selectable cell constant (0.1/1/10), reference temperature (20°C/25°C), TDS factor, linear and pure water compensations, seawater and practical salinity measurement modes.
- Automatic Temperature Compensation provides accurate reading over the entire range.
- Calibration Due Alarm prompts user to calibrate the meter regularly.
- Stability indicator shows when a measurement is recognized as stable.
- Auto-Hold feature senses and locks the measurement endpoint.
- Calibration report provides the details of the calibration standard and cell constant.
- Battery indicator shows the remaining battery capacity.
- Auto-Power Off effectively conserves battery life.
- Setup menu allows setting the 11 parameters, including the number of calibration points, stability criteria, temperature unit, etc.
- Reset feature automatically resumes all settings back to factory default options.
- Expanded memory stores and recalls up to 500 data sets.
- Stored readings can be transferred into the computer by USB communication interface.
- Multi-mode power scheme (batteries, power adapter or USB port) ensures that use the meter smoothly.

Applications:

- Water quality monitoring

Portable Conductivity/TDS/Salinity Meter

- Geological and ecological research
- Cooling towers
- Printing industry
- Swimming pools and Spas
- Agriculture and aquaculture
- Aquariums
- Education and lab applications

[Specifications](#)[Order Information](#)[Optional Accessories](#)[Packaging](#)

[Parameters by Model](#)

Portable Conductivity/TDS/Salinity Meter

Model	YR01818
Conductivity Range	0.01 -20.00, 200.0, 2000µS/cm, 20.00, 200.0mS/cm
Accuracy	±0.5% F.S
Resolution	0.001/0.01/0.1/1
Calibration Points	1 to 5 points
Calibration Solutions	10µS/cm, 84µS/cm, 1413µS/cm, 12.88mS/cm, 111.8mS/cm
TDS	
Range	0-10.00, 100.0, 1000ppm, 10.00, 100.0ppt (Max. 200ppt)
Accuracy	±1% F.S
TDS Factor	0.1-1.0 (Default 0.5)
Salinity Range	0.00-80.00ppt, 0.00-42.00psu
Accuracy	±1% F.S
Measurement Modes	Practical salinity (psu) or Natural seawater (ppt)
Resistivity Range	0.00-20.00MΩ
Accuracy	±1% F.S
Resolution	0.01/0.1/1
Temperature Range	0-105°C, 32-221°F
Accuracy	±0.5°C
Resolution	0.1°C
Calibration Points	1 point
Temperature Units	°C or °F
Temperature Compensation	0-100°C, 32-212°F, Manual or Automatic
Temperature Coefficient	0.0-10.0%/°C
Compensation Modes	Linear or Pure water
Cell Constant	K=0.1, 1, 10 or Custom
Reference Temperature	20°C or 25°C
Data Hold	Manual or Automatic endpoint detection
Stability Criteria	Low or High
Calibration Due Alarm	1 to 31 days
Power Off	Manual or Automatic (10, 20, 30 minutes)
Reset Function	Yes
Memory	Stores up to 500 data sets
Output	USB communication interface
Connector	6-pin mini plug
Display	LCD
Power Requirements	3×1.5V "AA" batteries
Battery Life	Approximately 150 hours (Turn off the backlit)
Dimensions	170(L)×85(W)×30(H)mm