



(An ISO 9001 : 2008 Certified Company)

MICROPROCESSOR BASED COND-TDS-SALT-TEMP. METER (VSI-201) & (VSI-203)

Highly Stable & Accurate

Automatic/Manual Temperature Compensation

Data Storage Facility upto 1000 Samples (In VSI-201)

Computer/Printer Attachment Facility (In VSI-201)



16 Characters x 2 Lines Alphanumeric LCD Display

Auto Ranging Facility (In VSI-201)

Measures Conductivity, TDS, Salinity & Temp. (In VSI-201)

µProcessor Cond-TDS-Salt-Temp. Meter (VSI-201)

Technical Specifications

Function	Cond. & Temp., TDS & Temp., SAL & Temp. Simultaneously	
Display	16 Characters x 2 Lines Alphanumeric LCD	
Power Supply	230V ± 10%, 50Hz AC	
CONDUCTIVITY-TDS-SALINITY MEASUREMENT		
Range	Conductivity	0.00 uS/cm to 1000 mS Auto Ranging
	TDS	0.0 ppm to 1000 ppt Auto Ranging
	Salinity	0.0 ppt to 50 ppt
Resolution	Conductivity	0.01 uS/cm on the Lowest Range
	TDS	0.1 ppm
	Salinity	0.1 ppt
Accuracy	± 0.5% of Range ± 1 Digit	
TDS Factor	0.50 (By Default) & Adjustable Manually	
Salinity Factor	0.75 (By Default) & Adjustable Manually	
Cell Const.Adjustment	Digital 0.05 to 2.000 By Default 1.000	
Temp. Compensation	0 to 70°C Automatic with Temp. Probe/Manual with Keys	
Temp. Coefficient Adj.	0.00% to 4.00% Adjustable, By Default 2.00%	
Mode of Calibration	Manual - By Value & By Measurement	
Reference Temp.	20°C & 25°C	
Measuring Frequency	100 Hz & 1 KHz Auto Selection	
TEMPERATURE MEASUREMENT		
Range	-20°C to +200°C	
Resolution	0.1°C	
Accuracy	± 0.1% of Range ± 1 Digit	
Calibration	Two Point Manual	
Sensor	Pt-100 Probe	
Data entry	By Six Soft Touch Keys with Audible Sound	
Storage Memory	1000 Samples	
Real Time Display	24 Hour Mode with Date	
Interface	RS-232, Centronics & Computer	
Print Format	(a) All Data (b) Date Wise - (Programmable)	
Digital Output	Serial RS-232 & Parallel Centronics	

Accessories : Conductivity Cell, Temperature Probe, Data Cable & Instruction Manual.

Microprocessor Based Digital COND/TDS/SALT/TEMP. Meter (VSI-201) is suitable for the measurement of Conductivity/TDS/Salinity & Temperature. The instrument uses the latest microprocessor technology and advanced engineering techniques so as to give enhanced accuracy and reproducibility. The instrument has user friendly prompts which guide you throughout the measurement process. It has Auto Ranging facility for Conductivity & T.D.S. parameters.

The instrument has 6 soft touch membrane type keys with audible sound for ease of operation. It has the storage facility for 1000 samples, which are retained in the memory even when the instrument is switched OFF. Provision has also been provided for attachment of computer & centronics dot matrix printer so that any of the stored results can be printed.

The instrument is extremely useful for Agriculture and Soil Analysis Laboratories, Swimming Pools, Water Quality Control in Boiler Feed Water, Water Works Department, Fertilizer Plants, Petroleum Refineries, Breweries, Water Purification Plants etc.

Portable Conductivity Meter (VSI-203)

Technical Specifications

Conductivity	Range	2 Ranges : 0 to 1999uS/cm & 0 to 199.9 mS/cm
	Resolution	1 uS/cm
	Accuracy	±1% FS ±1 Digit
Temperature	Range	0°C to 100°C
	Resolution	0.1°C
	Accuracy	±0.1% ±1 Digit
Conductivity Temp. Compensation	Automatic as well as Manual with PT-100 Probe, 0 to 100°C	
Cell Constant	Adjustable on Display	
Conductivity Cell	Dip Type Platinum Conductivity Cell	
Display	16 Characters x 2 Lines Alpha Numeric LCD	
Mode Selection	Main Menu Read COND./CELL CONST./CAL COND.	
Power Supply	9V Battery	

Accessories : Conductivity Cell, Temperature Probe & Instruction Manual.

Designs & Specifications are subject to change due to continuous development.

Manufactured By :

VSI ELECTRONICS PVT. LTD.

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