

Conductivity / TDS Meter - 3 point

LMCM20  
Microprocessor



## Conductivity / TDS Meter 3 Point Calibration

LMCM-20 is a Auto Ranging, microprocessor Conductivity TDS / meter for measurement of conductivity and Total Dissolved Solids of liquids.

The meter is widely used in environmental and ecological studies for monitoring the purity and concentration of liquids.

### *Salient Features*

- Multipoint push - button calibration allows user to use customized calibration solutions  
[Up to 3 points, Default 84uS, 1413uS, 12.88mS and 111.8mS]
- Auto - Ranging for conductivity and TDS measurements.
- Selectable TDS conversion factors and temperature units (°C or °F)
- Adjustable TDS factors, cell constants and temperature units.
- Automatic Temperature Compensation (ATC) ensures highly accurate measurements over the entire range.
- Automatic endpoint function freezes the stable measured values for easy reading and recording data.
- Help message as a operational guide to helps you understand how to use meter.
- Setup menu lets user customizes calibration points, temperature units, automatic or manual hold function, auto-off feature to meet personal preferences.
- Reset function allows user to returns all settings to the factory default values

## Conductivity / TDS meter

MODEL		LMCM20
Conductivity	Make	LABMAN
	Range	0~20.00, 200.0, 2000µS/cm, 20.00, 200.0mS/cm ( 5 auto ranges)
	Accuracy	± 1% F.S
	Resolution	0.01, 0.1, 1
	Calibration Points	up to 3 points
	Conductivity Buffer Option	10µS/, 84µS/cm, 1413µS/cm, 12.88mS/cm, 111.8mS/cm ( any three )
	Temperature Compensation	0~100°C, 32~212°F, Manual or Automatic
	Temperature Coefficient	0.0~10.0%/°C
	Cell Constant	K=0.1, 1, 10
	Normalization Temperature	25°C
TDS	Range	0~10ppt(Max. 200 ppt, depending on factor setting&conductivity range)
	Accuracy	± 1% F.S
	TDS Factor	0.1 to 1.0 (Default 0.5)
Temperature	Temperature Range	0 to 105°C
	Accuracy	± 0.5°C
	Resolution	0.1°C
General	Hold Function	Available
	Auto Off Function	Available
	Connector	6-pin Mini Plug
	Display	LCD
	Power Supply	AC adapters, 220VAC/50Hz
	Dimensions LxWxH	210 × 205 × 75mm
	Packing Size & Weight	300 x 250 x 175 & 1.5kg

SPECIFICATIONS

★ Specifications are subject to change without notice.



### STANDARD ACCESSORIES :

- ◆ Conductivity Cell (K=1), Calibration Solutions - 84.0 µS/cm, 1413 µS/cm, 12.88 mS/cm. Temperature Probe, Electrode Stand, 9V Power Adaptor, Instruction Manual

### Applications

- ◆ Water and wastewater treatment
- ◆ Research and educations
- ◆ Environmental monitoring and aquaculture
- ◆ Printing and chemical industry