



Conductivity Meter LMCM3T



LMCM3T Conductivity Meter



E - Catalogue

Conductivity meter is a laboratory analytical instrument, it is suitable for Laboratory accurate measurement of aqueous Conductivity, Resistivity, TDS, salinity and Temperature, including the determination of salt content (NaCl as the standard)

SALIENT FEATURES

- ✦ 4 measurement modes (Conductivity, Resistivity, Total solid solution (TDS), Salinity);
- ✦ 3 points calibration for High accuracy
- ✦ Can measure the temperature value of the current solution;
- ✦ Automatic calibration, Automatic range switching,
- ✦ Automatic Temperature Compensation, Temperature measurement with ATC and manual mode
- ✦ 7" Colour Touch Screen Display
- ✦ Data management: storage up to 1000 test records; supports view, delete, and print
- ✦ RS232C & USB Interface
- ✦ Built in real time clock stamps stored data to meet GLP Standard
- ✦ Print Mode Selection, Built in User instruction
- ✦ Filtering, Screen saver, Sound cue ON / OFF and factory restore function

CFR Multi-role three-level user access management, Permission control for data establishment, modification, deletion and access, Support electronic signatures for all electronic records

Conductivity Meter

HSN Code : 90275090

SPECIFICATIONS

MODEL	LMCM3T
Make	LABMAN
Measurement Modes	4
Modes	Conductivity, Resistivity, Total Solid Solution (TDS), Salinity
Conductivity Range	0.05 μ S/cm - 500.0mS/cm
Conductivity Accuracy	$\pm 0.5\%$ FS
Resistivity Range	5.00 Ω cm - 20.00M Ω cm
Resistivity Accuracy	$\pm 0.5\%$ FS
TDS Range	0.000mg/L - 100g/L
TDS Accuracy	$\pm 0.5\%$ FS
Salinity Range	0.00 ~ 8.00%
Salinity Accuracy	$\pm 0.1\%$
Temperature Range	0 ~ 100°C
Temperature Accuracy	$\pm 0.3^\circ$ C
Cell Constant Option	K=0.01, 0.1, 1 & 10
Connector	BNC
Display	7" Colour Touch Screen
Electrode Holder	External
Temperature Compensation	0 ~ 100°C Automatic / Manual
Calibration Method	Upto 3 Points
Standard Solution	84 μ S/cm, 1413 μ S/cm, 12.88mS/cm
Data Storage	1000 Data sets
Communication Interface	USB, RS232C
Data Printing	GLP
User Management	Yes
Date and Time	Yes
Touch Tone	ON / OFF
Ambient Temperature	10-30°C
Relative Humidity	$\leq 80\%$
Power Consumption	10W
Power supply	12V DC Adaptor 220V AC 50-60Hz
Machine Dimension (LxWxH)	200 x 125 x 60mm
Packing Dimension (LxWxH)	330 x 260 x 165mm
Net / Gross Weight	1.2kg / 2.2kg

★ Specifications are subject to change without notice - LABMAN.

STANDARD ACCESSORIES : Main Instrument, Electrode Stand, Stand Supporter, ATC, Conductivity Solution, Conductivity Electrode, Power Adaptor, Instruction Manual, Test Certificate.

Conductivity Meter - Touch Screen

<
Setting

ScreenSaver ☒

Temp.Coefficient ☒

Temp.Coefficient 0.020 >

Endpoint Formats Contin. >

Restore >

⌚ Standby ⏻ Restart

Language English >

Date & time >

Unit(temp) °C >

Print Mode Manual >

Ref.Temp 25.0 c >

Back
Next

TDS
? 15:04
2026/05/06

Contin. ATC 33.4 °C

0.00

mg/L

Constant: CON-1

↻ Mode
📊 Cal
📄 Data
🖨️ Print
⚙️ Setting

CON
? 15:03
2026/05/06

Contin. ATC 33.4 °C

102.8

uS/cm

Constant: CON-1

↻ Mode
📊 Cal
📄 Data
🖨️ Print
⚙️ Setting

SAL
? 15:05
2026/05/06

Contin. ATC 33.4 °C

0.00

%

Constant: CON-1

↻ Mode
📊 Cal
📄 Data
🖨️ Print
⚙️ Setting

<
Setting

Model: LMCM3T

Device: EC Meter

SN: L65435

Kernel Ver: 2.001

UI Ver: 2.001

Touch tone ☒

Backlight brightness >

Instructions >

Service Information >

User Management >

Back
Next

RES
? 15:04
2026/05/06

Contin. ATC 33.4 °C

9.758

KΩ·cm

Constant: CON-1

↻ Mode
📊 Cal
📄 Data
🖨️ Print
⚙️ Setting

<
Electrode selection

Before measuring or calibrating, select a suitable electrode based on the sample conductivity. The electrode constant is marked when the electrode is delivered. Click the keyboard icon on the right to enter electrodes

☐ CON-0.01 (0.05-20uS/cm)

Constant: 0.010

📎

☐ CON-0.1 (0.05-200uS/cm)

Constant: 0.100

📎

☒ CON-1 (2-20000uS/cm)

Constant: 0.000

📎

☐ CON-10 (2-200mS/cm)

Constant: 10.00

📎

⏹ OK
❌ Cancel

<
Constant Calibration Report

NO.	Solution	Measured value	Constant
1	98 uS/cm	102 uS/cm	0.957
2	1625 uS/cm	1630 uS/cm	0.997
3	14.98 mS/cm	14.49 mS/cm	1.034

Cal.Temperature: 0.0 °C

Cal.Time: 15:06:38

Cal.Date: 2026/05/06

Operator: admin

🖨️ Print



LABMAN Product Range 2026

Bench-Top Freeze Dryer	Microvolume Spectrophotometer	High Speed Automatic Polarimeter	PMT Spectrophotometer
Floor Freeze Dryer	Rotary Evaporator	Manual Lab Polarimeter	Low Viscosity Adaptor
Food Freeze Dryer	Vacuum Solvent Recovery System	Manual ABBE Refractometer	Viscometer with Thermosel System
Pilot Freeze Dryer	Diaphragm Vacuum Pump	Automatic Digital Refractometer	Digital Rotational Viscometer
Mini Freeze Dryer	Double Stage Rotary Vane Vacuum Pump	Portable Refractometer	Krebs Viscometer
Atomic Absorption Spectrophotometer	Circulating Water Vacuum Pump	ABBE Refractometer	Visual Colorimeter
Graphite Furnace	Paddle Blender Homogenizer	Probe Sonicator	pH Meters with Printer / Touch Screen
Auto sampler for Graphite Furnace	Hand Held Homogenizer	Hotplate Magnetic Stirrer	Benchtop pH/mV/°C/ Ion Meter
Auto sampler for GC	Tissue Grinder Homogenizer	Graphite Hotplate	Conductivity Meter - Touch Screen
Gas Chromatography	HPLC	Oil Bath Magnetic Stirrer	Dissolved Oxygen Meter
Laboratory Water Purification System	Hybridization Oven	Overhead Stirrer	Water Hardness Meter
Laboratory Glassware Dryer	UV Crosslinker	Ceramic Hotplate Magnetic Stirrer	Ion Selective Electrodes
Electromagnetic Sieve Shaker	Automatic Potential Titrator	Multiposition Magnetic Stirrer	Turbidity Meter
CO ₂ Incubator	Karl Fischer Titrator	Waterbath Magnetic Stirrer	Portable Turbidity Meter
Stackable / CO ₂ Incubator Shaker	Elisa Microplate Reader	Tube Roller Mixer	Portable pH Meter
Benchtop Orbital Shaking Incubator	Gradient PCR Thermal Cycler	Ultrasonic Cleaner	Portable Conductivity Meter
Orbital Shaker	Multi Tube Vortex Mixer	Industrial Ultrasonic Cleaner	Portable Dissolved Oxygen Meter
Microplate Shaker	Vortex Mixer	Digital Water Bath	Online pH Controller
Automatic Fraction Collector	Dry Bath Nitrogen Evaporator	Refrigerated Circulating Bath	Online Conductivity Controller
Blue Light Transilluminator	Dry Bath Incubator	Recirculating Water Chiller	pH Electrode, ORP Electrode
Dispensing Peristaltic Pump	Infrared Sterilizer	Automatic Elisa Plate Washer	Air Generator
Automatic Density Meter with CFR	Glass Bead Sterilizer	Ice Flaker, Ice Maker & Crusher	Hydrogen Generator
Portable Melting Point Apparatus	Total Organic Carbon Analyzer (TOC)	Double Beam Spectrophotometer	Microwave Digestion System
Melting Point Apparatus with CFR	COD Analyzer with Digestor	Single Beam Spectrophotometer	Nitrogen Generator
Nucleic Acid Extractor	BOD Analyzer	Visible Spectrophotometer	Hydrogen Air Generator (2 in 1)