



## Conductivity / TDS Meter LMCM20H



E - Catalogue

## Conductivity / TDS Meter

### LMCM20H

LMCM20H - Conductivity Meter is a Auto Ranging, microprocessor Conductivity TDS / meter for measurement of conductivity and Total Dissolved Solids of liquids. It has large LCD display with white back light.

### SALIENT FEATURES

- ✦ Measuring Mode - Conductivity, TDS, Temperature
- ✦ 1 to 3 points calibration with automatic recognition for conductivity standards.
- ✦ Auto ranging for Conductivity & TDS Measurements
- ✦ Selectable cell constant, reference temperature
- ✦ Automatic temperature compensation ensure accurate readings over the entire range
- ✦ Auto read function senses and locks the measurement endpoint.
- ✦ Setup menu allows setting the number of calibration points, temperature unit, etc.
- ✦ Reset function automatically resumes all settings back to the factory defaults.
- ✦ Expanded memory stores or recalls up to 100 readings.
- ✦ USB Interface

## Conductivity / TDS Meter

HSN Code : 90275090

### SPECIFICATIONS

| MODEL                     | LMCM20H                                                                             |
|---------------------------|-------------------------------------------------------------------------------------|
| Make                      | LABMAN                                                                              |
| Modes                     | Conductivity, TDS, Temperature                                                      |
| Conductivity Range        | 0~20.0, 200.0, 2000 $\mu$ S/cm, 20.00, 200.0mS/cm (5 Auto range)                    |
| Conductivity Resolution   | 0.01, 0.1, 1                                                                        |
| Conductivity Accuracy     | $\pm 0.5\%$ F.S.                                                                    |
| Calibration Points        | Upto 3 points                                                                       |
| Calibration Solutions     | 10 $\mu$ S/cm, 84 $\mu$ S/cm, 1413 $\mu$ S/cm, 12.88 mS/cm, 111.8 mS/cm (any three) |
| TDS Range                 | 0~10ppt (Max.200 ppt, depending on factor setting & conductivity range)             |
| TDS Accuracy              | + 1% F.S                                                                            |
| TDS Factor                | 0.1 to 1.0 (Default 0.5)                                                            |
| Temperature Range         | 0 to 105°C (32 to 221°F)                                                            |
| Temperature Resolution    | 0.1°C (0.1°F)                                                                       |
| Temperature Accuracy      | $\pm 0.5^\circ\text{C}$ ( $\pm 0.9^\circ\text{F}$ )                                 |
| Temperature Compensation  | 0 to 100°C, Manual or Automatic                                                     |
| Cell Constant Option      | K = 0.1, 1, 10                                                                      |
| Normalization Temperature | 25°C                                                                                |
| Memory                    | upto 100 readings                                                                   |
| Reset Function            | Yes                                                                                 |
| Interface                 | USB                                                                                 |
| Connector                 | 6 pin Mini Plug                                                                     |
| Operating Temperature     | 10 to 40°C                                                                          |
| Relative Humidity         | < 80%                                                                               |
| Display                   | LCD with White Back Light                                                           |
| Display Size              | 25 × 100 mm                                                                         |
| Power Requirements        | DC Adaptor, Using AC 220V,50/60Hz                                                   |
| Packing Dimension (LxWxH) | 310 x 255 x 200mm                                                                   |
| Gross Weight              | 2kg                                                                                 |

★ Specifications are subject to change without notice.

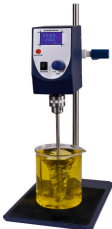
**STANDARD ACCESSORIES:** Main Instrument, Stand, Adaptor, ATC Probe, Conductivity Cell (1K), Conductivity Solution, Instruction Manual, Test Certificate.

## LABMAN Product Range 2025-26

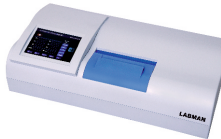
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|-----------------------------------------------------------------------|-----------------------------------------------------------|------------------------------------------------------|----------------------------------------------------|--------------------------------------------------------|
| <p>LMFD61, 62, 63, 64</p> <p>Lyophilizer Freeze Dryer (-60°C)</p>     | <p>LMFD83, 84</p> <p>Lyophilizer Freeze Dryer (-80°C)</p> | <p>LMRE25</p> <p>Rotary Evaporator</p>               | <p>ADM3</p> <p>Automatic Density Meter</p>         | <p>MSOD6</p> <p>Microvolume Spectrophotometer</p>      |
| <p>NAE32</p> <p>Nucleic Acid Extractor</p>                            | <p>EMR4</p> <p>Elisa Microplate Reader</p>                | <p>GPTC96</p> <p>Gradient PCR Thermal Cycler</p>     | <p>HO30</p> <p>Hybridization Oven</p>              | <p>UVCL254</p> <p>UV - Crosslinker</p>                 |
| <p>TGH12, 24</p> <p>Tissue Grinder Homogenizer</p>                    | <p>PBH80T</p> <p>Paddle Blender Homogenizer</p>           | <p>TOC2NDir</p> <p>Total Organic Carbon Analyzer</p> | <p>TOC1CD</p> <p>Total Organic Carbon Analyzer</p> | <p>LMDS600, 1200</p> <p>Microwave Digestion System</p> |
| <p>HPLC1IS, HPLC2GS</p> <p>High Performance Liquid Chromatography</p> | <p>APT1800</p> <p>Automatic Potential Titrator</p>        | <p>KFT250VC</p> <p>Karl Fischer Titrator</p>         | <p>COD1500</p> <p>COD Analyzer with Digestor</p>   | <p>BOD4000</p> <p>BOD Analyzer</p>                     |
| <p>MTVM50</p> <p>Multi Tube Vortex Mixer</p>                          | <p>LMVM60D</p> <p>Vortex Mixer</p>                        | <p>OS20</p> <p>Orbital Shaker</p>                    | <p>TRM6</p> <p>Tube Roller Mixer</p>               | <p>DBNE12, 24</p> <p>Dry Bath Nitrogen Evaporator</p>  |



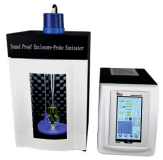
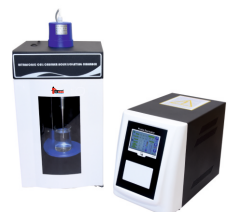
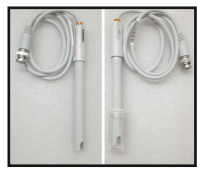
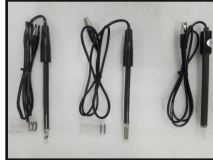
## LABMAN Product Range 2025-26

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| <b>DBI11T</b><br><br><b>Dry Bath Incubator</b>               | <b>DBI15SH, DBI16SC</b><br><br><b>Dry Bath Incubator</b>     | <b>IRS14, 35</b><br><br><b>Infrared Sterilizer</b>       | <b>GGA200</b><br><br><b>Air Generator</b>                                                       | <b>GGA301, 302</b><br><br><b>Hydrogen Generator</b>                        |
| <b>GGN303</b><br><br><b>Nitrogen Generator</b>               | <b>GHA304</b><br><br><b>Hydrogen Air Generator(2 in 1)</b>   | <b>LMVP10</b><br><br><b>Vacuum Pump</b>                  | <b>LMVP20</b><br><br><b>Vacuum Pump</b>                                                         | <b>LMCO1</b><br><br><b>Column Oven</b>                                     |
| <b>LMIO6</b><br><br><b>Mini Thermostatic Incubator</b>      | <b>GHP400</b><br><br><b>Graphite Hotplate</b>               | <b>LOBMS5</b><br><br><b>Oil Bath Magnetic Stirrer</b>   | <b>LMMS4LC, 20LC</b><br><br><b>Ceramic Hotplate Magnetic Stirrer</b>                            | <b>LMMS300</b><br><br><b>Hotplate Magnetic Stirrer</b>                    |
| <b>MMS15S</b><br><br><b>Multiposition Magnetic Stirrer</b> | <b>MMS12H</b><br><br><b>Multiposition Magnetic Stirrer</b> | <b>WBMS3</b><br><br><b>Water Bath Magnetic Stirrer</b> | <b>LMWB2H, 4H, 6H, 8H</b><br><br><b>Digital Water Bath</b>                                     | <b>HOS20L</b><br><br><b>Overhead Stirrer</b>                             |
| <b>LMHH160</b><br><br><b>Hand Held Homogenizer</b>         | <b>PS1565</b><br><br><b>Peltier / Sipper System</b>        | <b>LUV6HG</b><br><br><b>PMT Spectrophotometer</b>      | <b>LUV2000T, 2100T</b><br><br><b>Single / Double Beam UV-Vis. Spectrophotometer with 21CFR</b> | <b>LMSPUV SERIES</b><br><br><b>Double Beam UV-Vis. Spectrophotometer</b> |

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| <p><b>LMSPUV1200</b></p>  <p><b>UV-Vis Single Beam Spectrophotometer</b></p> | <p><b>LMSPV320, 325</b></p>  <p><b>Visible Spectrophotometer</b></p>     | <p><b>ADP100CFR, 95CFR</b></p>  <p><b>Automatic Digital Polarimeter with CFR</b></p> | <p><b>ADP45, 50</b></p>  <p><b>Automatic Digital Polarimeter (<math>\pm 45^\circ</math>)</b></p> | <p><b>ADP75, 90</b></p>  <p><b>Automatic Digital Polarimeter (<math>\pm 90^\circ</math>)</b></p> |
| <p><b>ADP40</b></p>  <p><b>Automatic Digital Polarimeter</b></p>             | <p><b>LMPM180</b></p>  <p><b>Manual Polarimeter</b></p>                  | <p><b>MAR100</b></p>  <p><b>Manual ABBE Refractometer</b></p>                        | <p><b>RFM100CFR</b></p>  <p><b>Digital Refractometer CFR</b></p>                                 | <p><b>RFM950, 970</b></p>  <p><b>Digital Refractometer</b></p>                                   |
| <p><b>LMAR1317T</b></p>  <p><b>ABBE Refractometer</b></p>                   | <p><b>LMDV300H</b></p>  <p><b>Digital Viscometer with Thermosel</b></p> | <p><b>LMDV60, 100, 200</b></p>  <p><b>Digital Viscometer ( L Series )</b></p>       | <p><b>LMDV400R</b></p>  <p><b>Digital Viscometer ( R Series )</b></p>                          | <p><b>LMKV2</b></p>  <p><b>Krebs Viscometer</b></p>                                             |
| <p><b>LMDV111, 222</b></p>  <p><b>Digital Viscometer with SSA</b></p>      | <p><b>LVA30</b></p>  <p><b>Low Viscosity Adaptor</b></p>               | <p><b>LMCR80F</b></p>  <p><b>Visual Colorimeter</b></p>                            | <p><b>LMUC2D</b></p>  <p><b>Ultrasonic Cleaner</b></p>                                         | <p><b>LMUC3D, 6D, 9D, 12D, 25D</b></p>  <p><b>Ultrasonic Cleaner - Degas</b></p>               |
| <p><b>LMUC50, 100</b></p>  <p><b>Industrial Ultrasonic Cleaner</b></p>     | <p><b>LMPH15</b></p>  <p><b>pH Meter with Printer</b></p>              | <p><b>LMPH12, LMPH10H</b></p>  <p><b>pH Meter</b></p>                              | <p><b>LMPH9</b></p>  <p><b>pH Meter - Basic</b></p>                                            | <p><b>LMCM20H</b></p>  <p><b>Conductivity / TDS Meter</b></p>                                  |

## LABMAN Product Range 2025-26

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| <p><b>LMCM20H</b></p>  <p><b>Conductivity / TDS Meter</b></p>          | <p><b>LMMP30, 32</b></p>  <p><b>Multiparameter (7 in 1 / 9 in 1)</b></p> | <p><b>LMION40</b></p>  <p><b>Ion Meter</b></p>                   | <p><b>LMDO50</b></p>  <p><b>Dissolved Oxygen Meter</b></p>                         | <p><b>LMHD60</b></p>  <p><b>Water Hardness Meter</b></p>           |
| <p><b>OPH11</b></p>  <p><b>Online pH Controller</b></p>                | <p><b>OCM21</b></p>  <p><b>Online Conductivity Controller</b></p>        | <p><b>LMTB200</b></p>  <p><b>Turbidity Meter</b></p>             | <p><b>RCB1010T, 1020T, 1030T</b></p>  <p><b>Refrigerated Circulating Bath</b></p> | <p><b>RCB620T</b></p>  <p><b>Refrigerated Circulating Bath</b></p> |
| <p><b>RWC320</b></p>  <p><b>Recirculating Water Chiller</b></p>       | <p><b>LMDO4P</b></p>  <p><b>Portable DO Meter</b></p>                   | <p><b>LMPH1P</b></p>  <p><b>Portable pH / ORP Meter</b></p>     | <p><b>LMCM2P</b></p>  <p><b>Portable Conductivity / TDS Meter</b></p>             | <p><b>LMTB5P</b></p>  <p><b>Portable Turbidity Meter</b></p>      |
| <p><b>PRO656, 900, 1200, 1800</b></p>  <p><b>Probe Sonicator</b></p> | <p><b>PRO660R</b></p>  <p><b>Probe Sonicator with Remote</b></p>       | <p><b>PRO650</b></p>  <p><b>Probe Sonicator</b></p>            | <p><b>LMIF30T, 50T, 100T</b></p>  <p><b>Ice Flaker</b></p>                      | <p><b>LMIF200T</b></p>  <p><b>Ice Flaker</b></p>                 |
| <p><b>LMIM15</b></p>  <p><b>Ice Maker</b></p>                        | <p><b>LMIM20C</b></p>  <p><b>Ice Maker with Crusher</b></p>            | <p><b>ISE19, 62</b></p>  <p><b>Nitrate / Fluoride ISEs</b></p> | <p><b>ER SERIES</b></p>  <p><b>pH Electrode / DO Electrode</b></p>               | <p><b>CC1, CC2, CC3</b></p>  <p><b>Conductivity Cell</b></p>     |