



**Visual Colorimeter  
LMCR80F**



## Visual Colorimeter LMCR80F

### SALIENT FEATURES

- ✦ Measuring principle visual, in terms of international colour scale units
- ✦ Visual measurement of colour matching to determine material colour
- ✦ Design in conformity with internationally accepted colour scale unit
- ✦ Simple structure and easy to operate
- ✦ Replaceable sample chamber liner
- ✦ Replaceable light source, two spares Incandescent lamps.
- ✦ Viewing system fully adjustable

Visual Colorimeter is a kind of Visual colour measuring Instrument. It measures colour scale unit which is an International acknowledged specific colour method, as a standard to measure the colority of liquid, gelatin, solid and powder samples

This instrument has the features of simple structure and convenient operation and often used in the colour measurements of different material of grease, Paint, Plastic, Jam, Textile fabric, foodstuff, liquid chemicals, and Pharmaceuticals.



E - Catalogue

HSN Code : 90275090

### SPECIFICATIONS

| Model                               | LMCR80F                                                               |
|-------------------------------------|-----------------------------------------------------------------------|
| Measuring principal                 | Visual, in terms of International colour scale units                  |
| Modes                               | Transmittance, reflectance                                            |
| Measurment ranges                   | 0.1 – 79.9 Red, 0.1 – 79.9 Yellow, 0.1 – 49.9 Blue, 0.1 – 3.9 Neutral |
| Resolution                          | 0.1 colour scale unit                                                 |
| Viewing system                      | Fully adjustable                                                      |
| Light Source                        | Incandescent lamp                                                     |
| Illuminant                          | Approximates to daylight                                              |
| Path Length                         | Up to 180 mm                                                          |
| Diffuse reflectivity of White plate | > 80%                                                                 |
| Amplification of the magnifiers     | 1.9 X                                                                 |
| Dimension of Colorimetric Cuvette   | 10x20x40mm, 25.4x20x40mm, 133.4x20x40mm                               |
| Power Supply                        | AC 220V,50/60Hz                                                       |
| Packing Dimension (LxWxH)           | 620 x 450 x 310mm                                                     |
| Gross Weight                        | 10kg                                                                  |

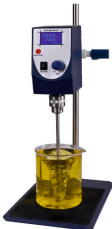
★ Specifications are subject to change without notice.

**STANDARD ACCESSORIES :** Main Instrument, Cuvette lamp, Lens Tube, Power Cable, Instruction Manual, Test Certificate.

## LABMAN Product Range 2025-26

|                                                                       |                                                           |                                                      |                                                    |                                                        |
|-----------------------------------------------------------------------|-----------------------------------------------------------|------------------------------------------------------|----------------------------------------------------|--------------------------------------------------------|
| <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>  |

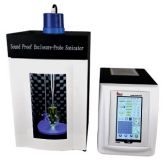
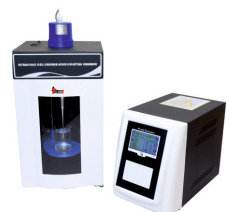
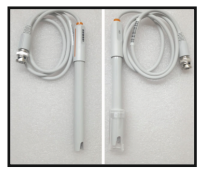
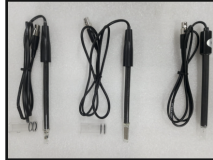
## LABMAN Product Range 2025-26

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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.<br/>Spectrophotometer with 21CFR</b> | <b>LMSPUV SERIES</b><br><br><b>Double Beam<br/>UV-Vis. Spectrophotometer</b> |

## LABMAN Product Range 2025-26

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

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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>     |