



# BENCHTOP CONDUCTIVITY METER

## LBCM-A11

## Benchtop conductivity meter LBCM-A11

Benchtop conductivity meter LBCM-A11 is easy to use, it comes with 1-3 point calibration system for automatic recognition of the known calibration standards. The LCD screen display the measurements and helps to set parameters. The temperature calibration by manual method improves the accuracy of conductivity meter. The system of conductivity meter can set up to 6 parameters like number of calibration points, cell constant etc.

### Features

- Equipped with white backlit LCD display
- 1-3 point calibration with automatic recognition of calibration solution
- Manual temperature compensation improves the measurement accuracy of meter
- Automatic temperature compensation for accurate measured value over the entire range
- Auto hold function freezes stable, final readings for better viewing and recording
- Reset function automatically resumes all the settings to default mode
- System menu allows setting the 6 parameters
- Automatic power off helps to reduce battery power consumption
- Help message as an operational guide for Quick access to the conductivity meter

### Applications

The benchtop conductivity meter is used in water quality analysis, research, education, environmental monitoring, chemicals & liquids quality testing etc. for measuring conductivity.

## Specifications

| Model no.                               | LBCM-A11   |
|---|--|
| Conductivity measurement range          | 0-20.0, 200.0, 2000 $\mu$ S/cm, 200.0 mS/cm                              |
| Conductivity accuracy                   | $\pm 1\%$ F.S.   |
| Conductivity resolution                 | 0.01, 0.1, 1   |
| Conductivity calibration solutions      | 10 $\mu$ S/cm , 84 $\mu$ S/cm, 1413 $\mu$ S/cm, 12.88 mS/cm, 111.8 mS/cm |
| Conductivity calibration points         | 1-3 points   |
| Temperature compensation Range and mode | Manual or automatic, 0 to 100°C , 32 to 212°F                            |
| Temperature range                       | 0 to 105°C, 32 to 221°F  |
| Temperature accuracy                    | $\pm 1^\circ$  |
| Temperature resolution                  | 0.1°C  |
| Temperature coefficient                 | 0.0 to 10.0 % per °C   |
| Cell constant                           | K=0.1, 1, 10 or User-defined   |
| Data hold function                      | Manual or automatic  |
| Connector                               | 6-pin mini plug  |
| Display                                 | LCD (315×75 mm)  |
| Power                                   | DC6V/400mA power adapter, AC220V/50Hz                                    |
| Dimension (L*W*H)                       | 210×205×75 mm  |
| Weight                                  | 1.5 kg   |

### Standard accessories

- Conductivity electrode
- Temperature probe
- DC9V power adapter

### Optional accessories

- Conductivity electrode for pure water
- Conductivity electrode for general liquids
- Conductivity electrode for high conductivity
- Conductivity standard solution 84  $\mu$ S/cm, 1413  $\mu$ S/cm, 12.88 mS/cm, 111.8 mS/cm