

## Installation Prerequisites for Auto Ranging Conductivity/TDS/Resistivity/Salinity/°C Analyzer Model: $\mu$ ConCal50 | Make: ANALAB

### ➤ **Environment Conditions:**

The Instrument can operate within temperature and relative humidity conditions of 0 °C to 55°C and 5 to 95 % respectively. However, an environment comfortable for human habitation (reasonable constant temperature and humidity conditions) is recommended for optimum performance and instrument lifetime.

Exposure to corrosive substances (whether gas, liquid or solid) may affect materials and components used in the instrument and should be avoided.

### ➤ **Power Supply Requirements:**

- 1) Stabilized Power supply 230 VAC  $\pm$  10 %, 50Hz  
(Earthing voltage should be **Less than 3V AC** - between Earthing & Neutral)
- 2) Two 5 Amp. points required for the Main unit and Printer

### ➤ **Chemicals and Accessories Required:**

- 1) HPLC grade distilled water for standard preparation - 2 litre
- 2) Wash bottle for distilled water
- 3) Bottles to store standard solutions. - 100 ml - 5 Nos.
- 4) Dry KCL (AR Grade) - 250 Grams
- 5) Glass calibrated pipette - 10 ml capacity - 01 No.
- 6) Volumetric Flask / Measuring Cylinder - 100 ml capacity - 5 Nos.
- 7) Beakers for analysis - 100 ml capacity - 5 Nos.
- 8) Analytical / Precision Balance
- 9) Magnetic Stirrer (Recommended for lower conductivity analysis)
- 10) Tissue Paper Roll
- 11) 40 / 80 Column Dot Matrix Serial Printer (if report printing is required)