

**Installation Prerequisites for pH/mV/°C/ORP Analyzer  
(Multipoint Calibration & 21 CFR Part-11 Compliance)  
Model:  $\mu$ pHCal100 | 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) Three 5 Amp. points required for the Main unit, PC and Printer

➤ **Chemicals and Accessories Required:**

- 1) Double Distilled Water for buffer preparation - 1 litre
- 2) Wash bottle for distilled water
- 3) NIST Buffer solutions - 1.68, 4.01, 7.00/6.86, 9.18/10.01 & 12.45 pH @ 25°C
- 4) Bottles to store buffer solutions. - Capacity 100 ml - (05 Nos.)
- 5) Volumetric flask / Beaker - Capacity -100 ml - (05 Nos.)
- 6) Tissue Paper Roll
- 7) 40 / 80 Column Dot Matrix Serial Printer (if report printing is required)
- 8) Windows based PC for "ANALABsafe" software. (if PC connectivity is required)  
(Software supports Windows 7 or above OS, 32 / 64 bit with internet facility to download ANALABsafe software and driver online)