

Installation Prerequisites for Microcontroller Based Melting / Boiling Point Apparatus Model: ThermoCal | 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) One 5 Amp. points required for the Main unit

➤ Chemicals and Accessories Required:

- 1) Benzophenone - 5 Grams
- 2) Vanillin - 5 Grams
- 3) Benzoic Acid - 5 Grams
- 4) Sulfanilamide - 5 Grams
- 5) Caffeine - 5 Grams