

## Ice Point Reference for "K" Type Thermocouple

No of Pieces: 6 for each Set

Electronic Ice Point Reference ( zero deg C ) / Cold Junction compensation

Temp Range: Zero Deg Cent

Accuracy  $\pm 0.03^{\circ}\text{C}$  or better for ambient upto 40 deg C. The cold junction should have the ability to control the reference temperature to within 0.03 deg C. Further temp coefficient for ambient upto 50 deg C is to be specified.

Errors introduced by thermocouple loading should be removed by adjusting controller offset

Overall reference system should have uncertainty less than 0.1 K

Thermocouple Capacity : 20 nos. K - Type TC

Two pin Input / Output Connectors : Both Input & Output side connectors suitable to K type TC are to be provided ( can be done by external plates) . 100% redundant M-F connectors are to be supplied as spare suitable K type TC

Monitor / Controller : 4 wire Connected PT100, 1/3 Din Standard  $\pm 0.1^{\circ}\text{C}$  Accuracy. Cable to be supplied of 50m length

Power 230 Volt AC

Calibration / Test report for zero deg C to be provided through NABL or equivalent accredited lab.

Vendor to Supply one portable hard top carrying case for the each equipment



**GENERAL REQUIREMENT :**

- 1 Actual data of offered model to be filled against each specification supported by printed catalogue ( Catalogue / Technical Specifications should be available on web site of OEM ), otherwise the offer may be disqualified.
- 2 Documentary Proof for Service Centers including availability of spares in India for the Offered Model to be Submitted.
- 3 Documentary proof from OEM on the letterhead for authorised dealer / representative of the company ( whose product is being offered ) is essential.