

Temperature Calibrator



Model/Make : Ametek CTC-1200 A & Ametek CTC-650B

Specification :

- Technical Specifications of Thermal Sources –

| Parameters | Source 1 : CTC 650B | Source 2 : CTC 1200A |
|--------------------|---------------------------------|-----------------------------------|
| Temperature range | 33°C to 650°C | 300°C to 1205°C |
| Accuracy | ±0.6°C / 1.08°F | ±2.0°C / 3.6°F |
| Stability | ±0.05°C / 0.09°F | ±0.1°C / 0.18°F |
| Resolution | 1 or 0.1 °C | 1 or 0.1 °C |
| Heating Time | 39 minutes app., (23 to 650°C) | 45 minutes app., (23 to 1205°C) |
| Cooling Time | 65 minutes app., (650 to 100°C) | 120 minutes app., (1205 to 300°C) |
| Time for stability | 8 minutes | 20 minutes |
| Immersion Depth | 190 mm / 7.5" | 190 mm / 7.5" |
| Well Diameter | 26 mm / 1.0" | 26 mm / 1.0" |

- Master instrument used for calibration –

| Name of the Master Instruments | Details |
|--------------------------------|---|
| RTD sensor | Make : Ametek Type : PT 100 – (α – 385) Model : STS – 100 A 901 Range : 150°C to 650°C Accuracy : 0.002°C |
| S type Thermocouple | Make : Ametek Type : S Type Range : 300°C to 1400°C Accuracy : 1.8 °C at 1200 °C |