

Laboratory	Electrometer Corporation , 34, Main Patel Nagar Road, New Delhi		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Thermal Calibration	Issue Date	01.12.2016
Certificate Number	C-0607	Valid Until	30.11.2018
Last Amended on	09.12.2016	Page	1 of 1

Quantity Measured/ Instrument	Range / Frequency	*Calibration Measurement Capability (\pm)	Remarks
I. TEMPERATURE			
1. TEMPERATURE / GLASS THERMOMETER ^{\$}	(-) 30 °C to 200 °C	0.35 °C	Using PRT & (Pt-100) with DASU
2. TEMPERATURE / RTD, THERMOCOUPLE WITH OR WITHOUT DIGITAL DISPLAY / INDICATOR & DIAL THERMOMETER ^{\$}	(-) 30 °C to 200 °C 300 °C to 600 °C	0.42 °C 2.26 °C	Using PRT & (Pt-100) with DASU
3. TEMPERATURE / THERMOCOUPLE WITH OR WITHOUT DIGITAL DISPLAY / INDICATOR ^{\$}	600 °C to 1000 °C	2.68 °C	Using R-Type Thermocouple with DASU
4. TEMPERATURE CALIBRATION OF THERMAL CHAMBER* (Deep Freezer, Refrigerator, Air Oven, Temp. Bath, Muffle Furnace, Electrical Furnace, etc)	(-)80 °C to 250 °C > 250 °C to 1200 °C	1.26 °C 3.05 °C	Using RTD & R Ttpe Thermocouple with DASU (Multi position only for Freezer & Oven)

* Measurement Capability is expressed as an uncertainty (\pm) at a confidence probability of 95%

^{\$} Only in Permanent Laboratory

^{*} Only for Site Calibration

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