



INDIAN INSTITUTE OF TECHNOLOGY BOMBAY
MATERIALS MANAGEMENT DIVISION
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**TECHNICAL SPECIFICATIONS FOR THE PURCHASE OF THERMIC
PROBE SYSTEM (TEMPERATURE CHAMBER) :**

Temperature Stage with 4 electrical probes

- Working temperature range from 77 - 623 K.
- Vacuum (10⁻³ torr) and controlled gas environments (He, N₂, Air, NH₃, H₂S) with the help of Pirani guage and leak valves
- 4 positional micromanipulative probes interfacing with semiconductor analyzer for DC measurements
- Optical viewport suitable for confocal Raman, Fluorescence, IR and PL measurements