



**INDIAN INSTITUTE OF TECHNOLOGY BOMBAY**  
**MATERIALS MANAGEMENT DIVISION**  
**Powai, Mumbai 400076**

**RFx No. 610000501 (Reference No. 1000015819)**

**Technical Specifications for Probe for Existing Mettler ReactIR 702**

A flexible probe for the existing Mettler ReactIR702 to carry out batch monitoring studies with following specifications:

1. Compatible with Mettler ReactIR 702 model
2. Wetted Parts Alloy C22, Gold and Diamond
3. Working Temperature range of -70 to 170 C or better
4. Working pressure from full vacuum upto 60 barg
5. Optical Window 1800-700  $\text{Cm}^{-1}$
6. Compatible pH range from 1-14