



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

Ref No.(PR No. 1000036883)

Technical Specification: FTIR Model Vertex (Add On Components)

Sr. No.	Description	Qty.	Compliance(Yes/No)
1)	<p>FTIR imaging require an accessory 36X lens objective to obtain good resolution and sharp images. Since it has a IR lens, the color contour of FTIR-imaging will be more informative and clear.</p> <p>The ATR (Attenuated Total Reflectance) accessory is used to take reflectance infra-red information. It is very useful for different types of samples like opaque, thick, surface modified or coated, thin films etc. The diamond ATR is working on 20X magnification, and it gives very good imaging or normal routine spectra of FTIR in reflectance mode. Generally, very few imaging samples can be done in transmittance mode, so ATR is very much needed accessory for reflectance mode.</p>	1	
2)	Warranty		No Warranty