



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

Ref. No. (PR.1000039038)

Rfx No. 6100001682

**Technical Specification for Spare Parts for SEM JSM-7600F**

The Emitter is the electron source for FEG SEM. The Emitter is present in Emission Chamber of FEG SEM which is more sensitive to the room temperature and needs high vacuum for shipping. The emitter emits the electrons which are called primary electrons, when hits the produces back scattered and secondary electrons. Further respective signals are caught by different detectors and convert the signals in to Image.

Technical Specification:

Sr. No.	Description	Qty.	Compliance
1)	Spare Parts for SEM JSM-7600F P/N. 781121817 EMITTER ASSEMBLY	1 No.	
2)	P/N 783103816 GASKET (AG COATING)	2 Nos.	
Warranty: NA			