



INDIAN INSTITUTE OF TECHNOLOGY BOMBAY
MATERIALS MANAGEMENT DIVISION
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PR No. 1000029175 (Rfx No. 6100001246)

Detailed Technical Specifications for Spare Parts of Sputtering System:

1. Interchangeable Substrate Holder with the following features:
 - accommodates substrates up to 4" diameter
 - mounts to 12" CF flange on chamber top for sputter up orientation.
 - UHV construction
 - confocal configuration on vertical center axis of chamber
 - continuous motorized rotation (0-40RPM)
 - radiant heating to 1000° C with quartz halogen lamps, allows heating in both static or rotational modes.
 - water cooled reflector box
 - capable of being heated in an O₂ environment - (1) transferable substrate carrier.
 - 4" working distance adjustment via edge welded bellows - substrate gas ring
 - RF/DC biasing capability while rotating / heating / depositing.

2. Rhodium plated hardware replacement kit to include the following:
 - (6) A0000-2425-FH-RH rhodium plated 4-40 X 0.250 SS flat head screw torx drive
 - (6) A0000-2425-PH-RH rhodium plated 4-40 X 0.250 SS pan head screw torx drive