



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

Ref. PR No. 1000042587

Rfx. No. 6100001942

Item Description - Accessory BCUI for existing 600 MHz NMR Spectrometer

Sr. No	Item Description	Detailed Technical Specification	Technical Compliance (Yes / No)	Additional Information (if any)
1.	VT GAS Membrane Air Dryer (HR + DVT)	<p>VT GAS Membrane Air Dryer (HR + DVT) – Qty 1 No. Membrane air dryer for Smart Coolers (BCU-I, BCU-II). Can be used together with High Resolution NMR liquids, DVT-style MAS & new DVT-style HR-MAS probes. Features: - max. flow 60 liter/min - dew point -80 °C</p> <p>VT GAS COOLER (BCU-I) – Qty 1 No.</p> <p>The Smart Cooler (BCU-I) is a chiller for VT gas cooling of NMR probes. Achievable temperature within the probe depends on probe and selected VT gas flow but may be as low as ~0 °C. Features: - VT gas temperature about -40 °C (at the end of the transferline) - Up to 3000 litre per hour # Requires dry VT gas with at least -50 °C (at 1 bar) dew point temperature</p>		