

Indian Institute of Technology Kanpur

Department of Chemistry
Old Core Lab101C,
IIT Kanpur
Kanpur 208016
Uttar Pradesh, India



Raja Angamuthu
Assistant Professor
Tel: +91-512-259-6786
Fax: +91-512-259-7436
Email: Raja@iitk.ac.in

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Quotations in sealed envelopes are invited

For the procurement of **OIL-FREE DRY-SCROLL VACUUM PUMPS** comprising the following specifications, addressed to

Dr. Raja Angamuthu
Department of Chemistry
Indian Institute of Technology Kanpur
Kanpur 208016

Expected Technical Specifications	
Displacement (m³/hr) @ 50 HZ	At least 6 m ³ /hr
Peak Pumping Speed (m³/hr) @ 50 HZ	At least 6 m ³ /hr
Ultimate Pressure	≅ 20 μbar
Motor Rating (kW)	More than 250 W
Voltage Input	240V (±10%) at 50/60Hz
RPM	≅ 1800
Noise level (db)	Not exceeding 60 @ 50 Hz
Operating temperature range (°C)	10-40
Leak Tightness	<1x10 ⁻⁶ mbar ls ⁻¹

Pump should also have the following features:

- Lubricant- free vacuum environment and contamination free vacuum.
- Standby speed control buttons with thermally controlled fan
- Remote control interface for convenience of operation

Sincerely,

Raja Angamuthu