

TECHNICAL SPECIFICATION
ROCKET EVAPORATION SYSTEM

Mechanical Data	
Maximum speed	1800 rpm
Maximum G-force	700 g
Drive system	Direct drive
Maximum Sample load	6 × 450 mL
Maximum imbalance	50 g
Vacuum System:	
Pressure display	0–1200 mbar
Pressure control	Automatic, 3 mbar to atmosphere
System ultimate vacuum	3 mbar
Temperature and Control	
Control range	Ambient +5 °C to 60 °C
Control accuracy	±1 °C
Temperature sensing	Thermistor
Display range	0 °C to 60 °C
End of method	Time or automatic
Visualization	Built-in strobe (optional)
Solvent Compatibility	
Boiling point range	40 °C to 160 °C at ambient
Includes	Alcohols, DCM/methylene chloride, DMF, ethyl acetate, water, TFA
HCl	Not compatible
Diethyl ether	Only with Inert Gas Purge option
Cold Trap Cooling Requirement	
Temp. range	–20 °C to +10 °C dependent upon application
Heat removal	700 W at 10 °C (max)
Flow rate	1 to 2 L/min
Pressure	1 (min) to 7 bar (max) static
Connections	8 mm nylon hardwall tube (chiller) ¼ in. (6.5 mm) hose barb for cold water connection (standard)
Recirculating Chiller	
Recirculating chiller should be supplied with the Rocket evaporation system.	
Specification	
Cooling Power	500 W at 10 °C

Other Terms & Conditions:

1. Manufacturer of Equipment & Accessories should be ISO 9001 / ISO 13485 certified.
2. Equipment and Accessories should be US FDA / European CE certified by Notified Body.

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3. **Guarantee:** Three years on equipment, accessories and all peripherals / sub systems from the date of installation, which Includes 4 visits and unlimited breakdown calls by service/application support engineer during the Guarantee period.
4. Basic training for a period of not less than **two weeks** after installation of the equipment to technical personnel includes Operational & Trouble shooting training as and when required.
5. Manufacturer should provide an Training Instructor for initial 6 month (minimum) to train on duty staff and after 6 month as per demand of user department as an when required.
6. Installation will be done by supplier free of cost including all parts like wires, tubes, joints & attachments, small fixtures etc.
7. **Firm should mention all the pre-installation requirements in technical bid.**
8. Technical Compliance statement should be submitted in Technical Bid Documents, along with every above mentioned point should be submitted with relevant literature, specification sheets and brochures. Any deviation from specifications should be clearly mentioned in compliance statement.
9. **Comprehensive Maintenance Service: The CMC may be awarded for five years (on yearly basis) after Guarantee period of three years. CMC should be quoted in BOQ inclusive of Excise Duty & exclusive of VAT/CST etc.) plus service tax (as applicable) .**
10. Manufacturer should provide SOP , I.Q & O.Q etc. as per System requirements.

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**Executive Director (EPM)
Rajasthan Medical Services Corporation Ltd.,
Jaipur**