



बसु बिज्ञान मन्दिर
BOSE INSTITUTE

P-1/12, C.I.T. Scheme VII-M, Kolkata 700 054, West Bengal, India

Ref : BI-K/E-TEND/03/2018-19

AMENDMENT

Technical Specifications of Rotary Evaporator

<u>Existing specifications</u>	<u>Amended specifications</u>
(1) Motorized lift with provisions for automatic lifting of the flask in case of power failure. Digital display of lift height position.	(1) Motorized lift with provisions for automatic lifting of the flask in case of power failure. Digital display of lift height position.
(2) Rotation clockwise and counter-clockwise with speed up to 280 rpm.	(2) Rotation clockwise and counter-clockwise with speed up to 280 rpm.
(3) Vertical Glass Assembly with cooling surface area of approx. 1500 cm ² .	(3) Vertical Glass Assembly with cooling surface area of approx. 1500 cm ² .
(4) Evaporating flask from 50-5000 ml can be used on the same joint adapter without additional connections.	(4) Evaporating flask from 50-5000 ml can be used on the same joint adapter without additional connections.
(5) Same joint adapter without additional connections	(5) Same joint adapter without additional connections
(6) Digital display of bath temperature – (set and actual) ranging from ambient to above 200 deg C.	(6) Digital display of bath temperature – (set and actual) ranging from ambient to above 200 deg C.
(7) Locking feature to prevent accidental change of bath temperature setting with automatic over heat cut-off protection.	(7) Locking feature to prevent accidental change of bath temperature setting with automatic over heat cut-off protection.
(8) Push Button Interface for Single Centralized control.	(8) Wireless contacts on the heating bath both for power supply and communication.
(9) Wireless contacts on the heating bath both for power supply and communication.	(9) Water bath should accommodate 50-5000 mL flask.
	(10) Comprehensive warranty for 1 year preferably 3 years.

<p>(10) Water bath should accommodate 50-5000 mL flask.</p> <p>(11) Vacuum valve for use with a centralized vacuum source or an unregulated vacuum pump</p> <p>(12) Comprehensive warranty for 1 year preferably 3 years.</p>	
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Sr. Prof. & Incharge, Registrar's Office