

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**

| Existing specifications                                       | Amended specifications                         |
|---|--|
|   | (1) Motorized lift with provisions for         |
| (4) 14 1 1 115 11 5   | automatic lifting of the flask in case of      |
| (1) Motorized lift with provisions for                        | power failure.                                 |
| automatic lifting of the flask in case                        | Digital display of lift height position.       |
| of power failure.<br>Digital display of lift height position. | (2) Detetion electronics and counter           |
| Digital display of lift height position.                      | (2) Rotation clockwise and counter-            |
| (2) Rotation clockwise and counter-                           | clockwise with speed up to 280 rpm.            |
| clockwise with speed up to 280                                | (3) Vertical Glass Assembly with cooling       |
| rpm.  | surface area of approx. 1500 cm <sup>2</sup> . |
| '   | sarrace area or approx. 1000 orn .             |
| (3) Vertical Glass Assembly with cooling                      | (4) Evaporating flask from 50-5000 ml          |
| surface area of approx. 1500 cm <sup>2</sup> .                | can be used on the same joint                  |
|   | adapter without                                |
| (4) Evaporating flask from 50-5000 ml                         | additional connections.                        |
| can be used on the same joint                                 |  |
| adapter without   | (5) Same joint adapter without additional      |
| additional connections.                                       | connections                                    |
| (5) Same joint adapter without                                | (6) Digital display of bath temperature –      |
| additional connections  | (set and actual) ranging from ambient          |
|   | to above 200 deg C.                            |
| (6) Digital display of bath temperature                       |  |
| <ul> <li>(set and actual) ranging from</li> </ul>             | (7) Locking feature to prevent accidental      |
| ambient   | change of bath temperature setting             |
| to above 200 deg C.   | with   |
| ( <del>-</del> ) 1 1 5 5 1 1 1 5 1                            | automatic over heat cut-off                    |
| (7) Locking feature to prevent                                | protection.                                    |
| accidental change of bath temperature setting with            | (O) Windless somtosts on the beating both      |
| automatic over heat cut-off                                   | (8) Wireless contacts on the heating bath      |
| protection.   | both for power supply and communication.       |
| protostion.   | communication.                                 |
| (8) Push Button Interface for Single                          | (9) Water bath should accommodate 50-          |
| Centralized control.  | 5000 mL flask.                                 |
|   |  |
| (9) Wireless contacts on the heating                          | (10)Comprehensive warranty for 1 year          |
| bath both for power supply and                                | preferably 3 years.                            |
| communication.  |  |
|   | 1  |

| (10)Water bath should accommodate 50-5000 mL flask.   |  |
|---|--|
| (11)Vacuum valve for use with a<br>centralized vacuum source or an<br>unregulated vacuum pump |  |
| (12)Comprehensive warranty for 1 year preferably 3 years.                                     |  |

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