



CSIR-INDIAN INSTITUTE OF INTEGRATIVE MEDICINE

Council of Scientific & Industrial Research

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CORRIGENDUM

Reference to Tender_id: **2022_CSIR_648270_1** for '**Rotary Evaporators with Vacuum Pump**', it is to notify that the Technical Specifications of the Material may be read as per Annexure-I enclosed herewith thus treating our Tender document amended.

All other terms and conditions will be remained same.

Sd/-
Stores & Purchase Officer

TECHNICAL SPECIFICATION

25/02/2022

Corrigendum:

Revised specifications for Rotary evaporator along with vacuum pump

- Motor speed range of 0-280 rpm or better.
- 1400 cm² or larger cooling surface area for better recovery rate.
- Timer function and display for real time progress of operations.
- Integrated solvent Library with expansion option and programming option for up to ten individual procedures.
- Volume based distillation, 100% distillation should be possible
- Motorised lift with safety stop function
- Bath capacity of 4 litres or more with heating temperature range of RT to 180°C or better
- Heating bath should have heat control accuracy of ± 1 K / ± 1 C or less.
- Locking function of heating bath for avoiding accidental changes of settings
- Safety temperature circuit and Dry Run protection of heating bath.
- Integrated / modular vacuum controller for controlling process parameters.
- Protection class according to IP 20/ IP 21 or better.
- Should have CE Certificate
- Warranty 3 years or more

Vacuum Pump

- Speed controlled / valve controlled & 2 stage (or more) oil free diaphragm vacuum pump.
- Speed / valve of vacuum pump should be adjustable with digital display.
- Vacuum pump should have suction capacity of 1- 2 m³/h or more and ultimate vacuum level up to 7 mBar or better
- Noise at low pressure should not be more than 65 dB(A)
- Material in contact with medium should be made of PTFE/ FFPM/ PPS/ NBR
- Protection class according to IP 20/ IP 21 or better.
- Should have CE Certificate
- Warranty 3 years or more