

LOW TEMPERATURE REACTION / SYNTHESIS BATH WITH BUILT IN MAGNETIC STIRRING

Low Temp. Reaction Bath with Magnetic Stirrer with annular vacuum insulation for excellent
temperature retention & Timer
For auto start / stop operation

Temp. control range	: -80°C to 0°C
Temp. control accuracy	: within \pm 1.0°C
Temp. control	: P.I.D. control
Magnetic Stirrer	: 450W
Temp. setting, display	: Digital, Membrane key switch,
Magnetic Stirring/Rotation range	: 100 ~800rpm
Rotation Setting & Monitoring	: Digital
Operation Time	: Auto start & stop timed
Safety features	: Overheat protector, Over-load relay for compressor, Breaker for electrical leakage and excess current, Sensor fault, Independent over temperature protector

Refrigerator : CFC free, Air cooled, output 300W/350W

Bath dimension : ϕ 180 x 140D mm, 3.5L

Range of vessel size / dia : 50 - 500ml/ around ϕ 90

Sensor: K thermo-couple

Min. setting 1°C, digital setting

Heater: 250W

Stirring motor: Speed control motor, Output 15W

Max. applicable bottle size: 500ml

Power consumption: 10.3A, 1.03kVA

Electricity: 220VAC, 50/60Hz

It's should comes complete with lid w/variable opening shutter, clamp sets for standard & small flasks

Interested parties / Suppliers / Manufacturers / Authorized dealers are requested to visit the University of Delhi website, and submit two separate quotations, namely the 'technical quotation' and 'financial quotation' separately. Each quotations may be sent separately as mentioned below, **latest by 24th July 2014** to "Professor Ashok K Prasad, Department of Chemistry, University of Delhi, Delhi – 110 007". *For full details, please visit the University of Delhi website www.du.ac.in.*

Please Note that:

Technical bids should consist of all technical details along with commercial terms and conditions and Financial bids should contain prices for all the items mentioned in the technical bid.

The technical bid and the financial bid for each item, separately should be sealed in separate covers each duly superscribed and both these sealed covers are to be put in a bigger cover which should also be sealed and superscribed. All the covers should also mention the name of the instrument.

Comprehensive warranty should be extended for a period of 36 months from the date of installation or 39 months from the date of shipment, whichever is earlier.

The Department reserves the right to cancel the bids for the instrument.