

**Department of Optoelectronics, University of Kerala, Kariavattom,
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Quotation Notification

OPTO/P-08/2018-19

Quotations are invited for the following items in the Department of Optoelectronics, University of Kerala, Kariavattom, Thiruvananthapuram

Items:

1. PORTABLE AUTOCLAVE

- Capacity: 15 – 16 Litre
- Press & turn” system for closing the lid instead of flynut assembly.
- A Digital, preset Temperature Controller (121°C) cum Timer (20 minutes).
- Lid should fitted with pressure gauge, safety valve, manual exhaust valve and vacuum breaker cum purge valve.

2. AIR OVEN

- Capacity: 147 – 150 Litre
- Temp range: Ambient +5°C to 250°C.
- Control accuracy: $\pm 0.5^\circ\text{C}$.
- Uniformity: ± 2.0 at 100.0°C
- Minimum 2 No. of Shelves with adjustable height.
- Automatic cut off of heater & blower when door opened.
- Digital PID temperature controller with timer, alarms and auto tuning.

3. VACUUM OVEN

- Temperature range - 50 to 250 deg
- Inner chamber material – Stainless steel
- Maximum vacuum – 760 mm Hg
- Number of shelves – 2
- Chamber size – 12x12x16 inch
- With vacuum pump

4. HOT PLATE WITH STIRRER

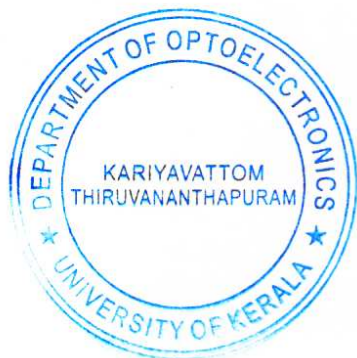
- Max. Stirring quantities - up to 10L
- Heating temperature range: 50 - 500 °C
- Stirring speed range from 100 to 1500 rpm
- With temperature sensor PT1000
- Other Required Accessories: Holding Rod, Boss Head Clamp, & Support Rod

5. HEATING MANTLE WITH STIRRER

- With stirrer
- Heating Mantle Capacity – 500 ml
- Maximum Temperature – 400° C
- Maximum RPM of the stirrer – 750 RPM
- Independent control for heating and stirring

The price may clearly indicate applicable tax, packing, forwarding and handling charges (if any) separately. The firms who wish to supply the item are requested to submit the quotation in sealed cover to the undersigned not later than 4:30pm on 04.01.2019. Quotations will be opened at 10:30 am on next working day (05.01.2019) in the presence of the suppliers or their authorized agents.

19.12.2018




Associate Professor & Head
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