



# UNIVERSITY OF KERALA

## DEPARTMENT OF PHYSICS

KARYAVATTOM, THIRUVANANTHAPURAM, INDIA – 695581.

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(Established as University of Travancore by the Travancore University Act in 1937 and reconstituted as University of Kerala by the Kerala University Act of 1957 and presently governed by the Kerala University Act 1974 passed by Kerala State Legislative Assembly)

(NAAC Reaccredited with 'A++' Grade)

PHY/SC/001/2022

19/07/2023

### QUOTATION NOTICE

Quotations are invited for purchasing **Spin coating unit** with following specifications by the Department of Physics, University of Kerala, Kariavattom.

1	Name of Items	Supply of, <b>Spin coating unit- 1No.</b> for Department of Physics, University of Kerala, Kariavattom Campus.
2	Documents to be submitted.	<u>Technical Bid.</u> 1. Address and Details of the Firm. 2. GST Registration details. 3. Technical Details/Specification. 4. Compliance statement 5. Any other relevant information <u>Financial Bid</u> 6. Financial quote.

### Spin Coating Unit – 1 no.

Technical Specification	
Actuator	Brushless DC motor
Spinning speed	60-9999 rpm or better
Substrate diameter	30 mm to 70 mm or higher
Power input	230V, 50Hz
Read out	20 x 4 line LCD
Spin chamber	Nylon
Acceleration	5-2000 rpm/sec or better
Spinning Speed Accuracy	<5%
Programmable parameters	Speed, Acceleration, Dwell time and No. of steps
Maximum no of steps	9 or higher
Program memory	9 programs (non - volatile) or higher
Dimension	Approximately 410 mm D X 280 mm X 340 mm H
Weight (appx.)	< 35 Kg

- Chuck diameters: 14 mm, 22 mm, 36 mm (Outer diameter of the O ring) or suitable
- Transparent Safety Lid over the Working Chamber
- Non-volatile Program Memory
- Inlet and outlet for Inert Gas Purging, approximately 6 mm tubing

The **Spin Coating Unit** should be delivered and installed at the Department of Physics, University of Kerala, Kariavattom.

The quotes should be inclusive of cost, freight, taxes, loading unloading etc.

Terms and conditions of warranty should be clearly mentioned.

**The Quotations should reach to “Dr. Subodh G, Assistant Professor, Department of Physics, University of Kerala, Kariavattom Thiruvananthapuram” on or before 31/07/2023 3.00 PM**

