

**Department of Optoelectronics, University of Kerala, Kariavattom,
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OPTO/P-7/2015-16**

Re-Quotation Notice

Quotations are invited for the following item for the research purpose in the Department of Optoelectronics, University of Kerala, Kariavattom, Thiruvananthapuram.

Spin Coater:

A table top Spin Coating System for laboratory use with following specifications.

Technical Specifications

Maximum Sample Size:

150 mm (Circular), or 125mm (Square)

Minimum Sample Size:

The offered spin coater should be equipped in order to allow spin coating on a sample as small as 3mm x 3mm

Rotation speed:

From 100RPM to at least 10000RPM with stability/accuracy of 0.1% over full range

Acceleration:

At least up to 10000 RPM/Second

Spin time:

From 1 second to 99 minutes

Controller:

Programmable with capability of storing at least 10 programs with each program having at least 25 steps.

Chamber body:

Should be made of Polypropylene or other polymer resistant to chemicals. It should be easy to clean the inner side of the chamber.

Sample holder vacuum chuck:

Should be suitable for holding glass, silicon, quartz as well as other metal and non-metal substrates.

Safety:

The unit should have safety provision so as not to start any program, or stop any running program when the chamber lid is open.

Spill management:

The unit should have provision to collect excess chemicals discarded at the time of spin coating.

Spare Parts:

Provide additional O-rings to go with the vacuum chucks.

The firms who wish to supply the item are requested to submit the quotation in sealed cover to the undersigned on or before 16.03.2016.

05.03.2016



A handwritten signature in black ink, appearing to be 'S. M.', written over a horizontal line.

Professor & Head

PROFESSOR & HEAD
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