

OPTO/P-04/2020-21

**Quotation Notice**

Quotations are invited for the following instruments in the Department of Optoelectronics, University of Kerala, Kariavattom, Thiruvananthapuram for the implementation of project entitled "Investigations on Crystalline Nanowires".

**PROGRAMMABLE HOTPLATE WITH STIRRER**

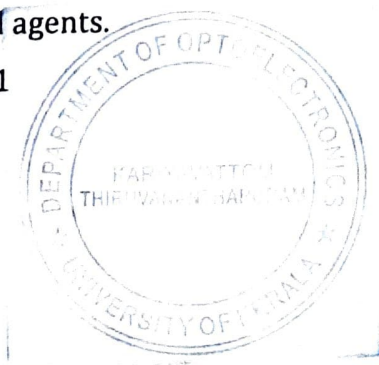
Number of stirring positions	1
Stirring quantity max. per stirring position (H2O)	5 L
Speed display set-value	LCD
Speed display actual-value	LCD
Speed control	Turning knob
Speed range	50 - 1500 rpm
Setting accuracy speed	10 rpm
Stirring bar length	30 - 80 mm
Temperature display set-value	LCD
Temperature display actual-value	LCD
Temperature unit	°C / °F
Heating temperature range	Room temp. + 5°C to 300°C
Heat control	Turning knob
Set-up plate material	Aluminium alloy
Set-up plate dimensions	Ø 135 mm
Timer	Needed

**TEFLON LINED HYDROTHERMAL AUTOCLAVE (SAFE TEMP - 200°C)**

Maximum operating temperature	≤240°C
Safe temperature	- 200°C
Working Pressure	≤3MPa or 30 Bar
Heating and Cooling Rate	≤5°C/min
Material	Shell made of high-quality nonmagnetic 304 stainless steel
Easy to handle	
Capacity	50mL, 100mL
Inner Shell	Teflon

The firms who wish to supply the items are requested to submit the quotation in sealed cover to the undersigned not later than 4:30pm on 11.02.2021. Quotations will be opened at 10:30am on next working day (12.02.2021) in the presence of the suppliers or their authorized agents.

27.01.2021



*[Signature]*  
Professor & Head  
Department of Optoelectronics  
University of Kerala, Kariavattom PO  
Thiruvananthapuram-695581