

**Department of Chemical Engineering**

**Indian Institute of Technology, Kanpur**

Call for Quotation for the Safety Magnetic  
Stirrer with Heating

Enquiry NO: AG / CHE / 2012

Enquiry Date: 28/09/2012

Closing Date: 04/10/2012

We are interested in the purchase a “Safety Magnetic Stirrer with Heating”. We are hereby calling for quotations from the prospective suppliers for the same with the following specification:

1. Timer: min. 1 min / max. 9 h 59 min
2. Stirring bar crack detection
3. HOT warning display indicating any residual heat when unit is switched off
4. Fuzzy control and microprocessor technology
5. PC control via RS 232 interface,
6. Software labworldsoft® is available to control and document all measured values via PC

**Technical Specification**

1. Number of stirring positions 1
2. Stirring quantity max. (H<sub>2</sub>O) [l] 20
3. Speed display LCD
4. Speed range [rpm] 0 - 1200
5. Stirring bar length max. [mm] 80
6. Heating temperature range [°C] room temp. - 340
7. Heat control stepless
8. Heat control accuracy [ $\pm$ K] 0.5
9. Speed control stepless
10. Connection for ext. temperature sensor PT 100
11. Control accuracy with sensor [ $\pm$ K] 0.2
12. Set-up plate material stainless steel 1.4301

Please provide us quotation for mentioned instrument. Please send all technical specifications of the product being quoted and the quotation with the best price you can offer.

Prospective suppliers may submit Competitive quotation in sealed envelope/email latest by 4th October, 2012 to the following address through courier/speed post/email:

**Dr. Animangsu Ghatak**  
**Department of Chemical**  
**Engineering, Indian Institute of**  
**Technology, Kanpur**  
**UP-208016**

Email: [aghatak@iitk.ac.in](mailto:aghatak@iitk.ac.in)/[abhijitr@iitk.ac.in](mailto:abhijitr@iitk.ac.in)