

Department of Chemistry
Indian Institute of Engineering Science and Technology, Shibpur
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Sealed quotations are invited for purchase of following items for the laboratory of Prof. S. K. Chattopadhyay, Department of Chemistry, IEST, Shibpur. Interested vendors are to submit their bid within 10 days of the publication of this web advertisement. They must satisfy all the conditions as per our Institute norm.

1. Heating mantles with automatic temperature controller: 500 ml., 250ml. and 100ml. capacity.
2. Supply of UHP Carbon Monoxide Gas – 99.5% filled in carbon steel cylinder confirming IS 7285 & fitted with IS3224 Valve & Valve Guard on Outright Sale; Diffusion Resistant Stainless Steel (SS-316) Body, Double Stage, double gauge Gas Pressure Regulator having SS-316 diaphragm, Inlet pressure gauge 0-280kg/cm², outlet pressure gauge 0-7kg/cm², outlet connection :¼"(inch) ferrule connection, inlet connection 5/8" BSP (M) LH with bull nose nipple suitable to CO Gas Cylinder valve; Wall Mounted Cylinder Manifold consisting of Following
 - (i) 38mm Hex. Header
 - (ii) SS double Braided High Pressure Flexible hose – 1mtr length
 - (iii) Cylinder Bracket

3. pH meter with following specifications:

pH Instruments include Operating Manual, Power Adapter, also with pH electrode, electrode arm, 2 × pH 4.01 and 2 × pH 7.00 buffer sachets.

SPECIFICATION

Measuring Range: 0.00...14.00 pH, -1999...1999mv, 0°C...100°C

Resolution: 0.01pH, 1mv, 0.1°C

Error Limits: ±0.01 pH, ±1 mv, 0.5°C

Calibration: 3 points/ 3 predefined buffer groups.

Power Supply: 100-240 V / 50-60 Hz, 9V DC

Display: Liquid Crystal

Temperature Compensation: Linear: 0.00%/°C...10.00%/°C

Ref. Temp.: 20 & 25°C

Input: BNC, Impedance > 10e + 12Ω

For all the items price should include transportation charges to the concerned laboratory at IEST, along with installation charges.