



DEPARTMENT OF BIOCHEMISTRY

(DST-FIST Sponsored Department)
UNIVERSITY OF KERALA



(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 of 1974 passed by the Kerala state Legislative Assembly)

(Re – accredited by NAAC with ‘A++’ Grade)

KARIAVATTOM
THIRUVANANTHAPURAM – 695581

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Ref: BCH/M.Sc lab2/2026-27

22-10-2026

QUOTATION NOTICE

Sealed quotations are invited for the purchase of **Bench-Top pH Meter (1 No.)**

Technical Specifications

Sl. No.	Parameter	Minimum Technical Requirement
1	Equipment type	Bench-top digital pH meter
2	pH measurement range	0.00 to 14.00 pH
3	pH resolution	0.01 pH
4	pH accuracy	± 0.01 pH
5	Calibration	Up to 3-point pH calibration
6	Buffer recognition	Automatic recognition of pH 4.00, 7.00 and 10.00 buffer solutions
7	Temperature measurement range	0 to 100 °C
8	Temperature resolution	0.1 °C
9	Temperature accuracy	± 0.3 °C
10	Temperature compensation	Automatic or manual temperature compensation
11	Display	LCD digital display for pH and temperature readings

12	Electrode connections	BNC connector for pH electrode and phono connector for temperature probe, as applicable to the offered model
13	Electrode compatibility	Compatible with standard BNC-connected combination pH electrodes and a compatible temperature probe
14	Power supply	9 V DC power adapter
15	Keypad	Splash-proof keypad suitable for routine laboratory use
16	Error indication	Built-in error codes or diagnostic messages for troubleshooting calibration, electrode and measurement errors
17	Electrode stand	Separate or integrated electrode stand with adjustable arm for securely holding the pH electrode and temperature probe
18	Operation	Simple, user-friendly operation suitable for routine laboratory pH measurements
19	Accessories	Compatible pH electrode, temperature probe, electrode holder/stand, power adapter and all essential accessories required for operation

Conditions

- 1. The rate quoted should be inclusive of all charges such as packing, forwarding, freight, loading/unloading/handling or any other charges.**
- 2. Compliance Statement should be submitted separately that includes all parameters including Make of the quoted item.**
- 3. Complaints if any with the items supplied should be rectified/replaced to the satisfaction of the University by the suppliers at their own cost.**
- 4. Payment will be made only after the supply of the item at the proposed site.**
- 5. The undersigned reserves the right to accept/reject any quotation without assigning any reason.**

The sealed tenders may be submitted to Head, Department of Biochemistry, University of Kerala, Kariavattom Campus, Thiruvananthapuram, Kerala 695 581. The tenders should have superscription on the envelope “Quotations for **Bench-Top pH Meter**”. The tenders should reach not later than 11.00 PM on 16/11/2026. Quotations will be opened on 17/11/2026.

Sd/-

Head

Department of Biochemistry

University of Kerala

(In letter head of the firm)

COMPLIANCE SHEET

Name of equipment:

Model:

Make:

Sl. No.	Parameter	Minimum Technical Requirement	YES/ NO
1	Equipment type	Bench-top digital pH meter	
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Add signature and seal			

