



MICRO PROCESSOR BASED pH METER

Model No: LP-139S

*** Intelligent pH Analyser

Microprocessor based TABLE TOP pH meter is an ideal instrument for Lab. It can be used for measurement of **pH & Temperature.**



Additional pH Stat option provides control

action. Ideal for applications requiring the transfer of liquids/chemicals for maintaining pH in R&D labs and Pilot Plants. It is versatile tool for Bio-chemical reactions, which run for long period of time. It eliminates the manual pumping of liquids and provides a contamination-free automatic pumping of liquids.

Now you can relax while the pH STAT continues to control the pH of sample till your experiment is completed

Features :

- Built – in STAT for accurate pH Control
- Supports peristaltic pump
- Selectable Acid/Base titration
- Auto Buffer recognition
- Standard print reports
- Documentation supports to GMP, QM, ISO
- Selectable Temp compensation
- Advanced diagnostics i.e. electrode working condition etc.
- Dual display – LED & Back lit dot matrix LCD
- Splash – Proof membrane keypad

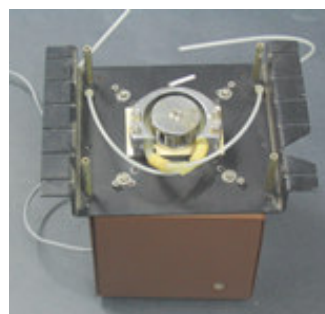
pH Test Report

S No	Date	Time	pH/mV	Temp °C	Remarks
1	16-02-04	16:42:51	-118 mV	25.0 M	
2	16-02-04	16:42:53	9.04 pH	25.0 M	
3	16-02-04	16:42:55	9.04 pH	25.0 M	
4	16-02-04	16:46:08	9.04 pH	25.0 M	
5	16-02-04	16:46:15	9.04 pH	25.0 M	
6	16-02-04	16:46:24	9.04 pH	25.0 M	
7	16-02-04	16:38:08	9.04 pH	25.0 M	
8	16-02-04	17:02:15	9.04 pH	25.0 M	
9	16-02-04	17:03:35	9.04 pH	25.0 M	
10	16-02-04	17:10:19	9.04 pH	25.0 M	
11	16-02-04	17:40:01	9.04 pH	25.0 M	
12	16-02-04	17:40:05	9.04 pH	25.0 M	
13	16-02-04	17:41:29	9.04 pH	25.0 M	
14	16-02-04	17:41:33	9.04 pH	25.0 M	

Analyst

Checked By

POLMON MICROPROCESSOR pH Stat /Analyser Model No: LP - 139S



Peristaltic Pump

Specifications :

pH Meter :

Measuring Parameters		
pH	Range	0 - 14
	Accuracy	± 1999
	Resolution	± 0.01
		1
Temperature	Range	0 °C to 200°C
	Accuracy	± 0.1 % of FSD
	Resolution	1 °C
Display	PH / mV	½", 7 segment Red LED display
	Temperature	Backlit LCD (Alphanumeric)
Input	pH Electrode & Pt 100	
Input Impedance	>10 ¹² ohms	
Calibration	Single Buffer/Two Buffer	
Temperature Compensation	0°C to 100°C(Auto/Manual)	
Slope Control	80% to 105% of reading	
Offset adjustment	± 120 mV @ 7 pH	
Operating Conditions	Temp: 0 to 50 °C	
	RH: Below 90% Non-Condensing	
Output	a. Digital O/P for peristaltic Pump(optional)	
	b. RS 232 for printer (optional)	
Enclosure	Fiber Reinforced Plastic (FRP)	
Power	220V AC, 50 Hz 10VA	
Weight	2.0 Kg	

Standard Accessories :

- pH Electrode (LP-130-02)
- Electrode stand
- Electrode clip
- ATC Probe (ATC-10)

Optional Accessories :

- Peristaltic pump
- Printer
- Printer cable
- Calibration buffers

Peristaltic Pump specifications :

Model No	LP-139 SP
Flow rate	(1.5 ± 0.1) Ltrs/Hr
Number of rollers	6
Roller material	SS 316
Housing Material	Brass
Speed	60 rpm
Reversible	No
Motor Type	AC synchronous motor
Motor Torque	10Kg cm min
Dimensions	106 X 106 X 76 mm
Weight	2.5 Kg
Tube	Pharmed

Ordering Information

S.No	Description	Code
1	pH meter	LP-139 S
2	pH Electrode (CL51B)	LP-130-01
3	pH Electrode (CA11)	LP-130-02
4	pH Electrode (CAH42D)	LP-130-03
5	pH Electrode (CAJ11)	LP-130-04
6	ATC Probe	ATC-10
7	Peristaltic Pump	LP-139 SP
8	Printer (EPSON LX 300)	PRI – 232 - 01
9	Printer Cable	RS – 232 P
10	Cell stand with clip	LA-18

For Further Information Contact:

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