



pH STAT / ANALYSER

Model No: LP-139SA

*** pH Documentor

POLMON pH STAT/ANALYSER with Advanced Features like pH Documentation, pH STAT, Multi point(1,2,3,4,5) Calibration, Auto Buffer Recognition, Selectable NIST, DIN, USA, Custom buffer standards and makes it an Unique Instrument for pH Analysis in Research & Testing laboratories.

pH DOCUMENTOR

pH Documentation Features like Storage & Printing options for Sample Data, Calibration Data with Electrode efficiency make it versatile for regulatory documentation requirements like Technical Information Sheet(TI Sheet)etc...



pH STAT

Additional pH STAT option provides control for applications requiring the transfer of liquids for maintaining the pH in continuous reactions which may run for long duration. It eliminates the manual pumping of liquids and provides a contamination-free automatic pumping of liquids.

FEATURES:

- Auto Buffer recognition
- Up to 5 Buffer s Calibration
- Selectable Temp compensation Auto /Manual
- Standard Buffers selection between NIST/DIN/USA (In Auto Mode)or Customized (Only in Manual Mode)
- Selectable Auto/ Manual calibration
- Printer Connectivity
- Samples storing facility up to 100 samples
- Auto Printing with selectable Print interval
- Storage samples Print reports either specific sample/ Range selection/ All stored samples
- Each sample identified with unique numerical ID given by the user
- calibration details Report.
- Customized Print report header which can be entered/Modified by the user
- Advanced diagnostics i.e. electrode working condition etc.
- Dual display - LED & Back lit dot matrix LCD
- Customized password
- Splash - Proof membrane keypad
- Built - in STAT for accurate pH Control
- Supports peristaltic pump Selectable Acid/Base titration

SPECIFICATIONS:

Measuring Parameters			
pH	pH	mV	Temperature
Range	0 - 14	± 1200	-50.0 °C to 200.0°C
Accuracy	*± 0.01	± 1	±(0.15+(0.002*t))
Resolution	0.01	1	0.1 °C
Display			
PH / mV	½",7 segment Red LED display		
Temperature	Backlit LCD (Alphanumeric)		
Keypad			
Soft Tactile Membrane keypad			
Input	pH Electrode & Pt 100		
Input Impedance	>10 ¹² ohms		
Standard Buffers set	NIST, DIN, USA		
Calibration type	Auto /Manual Recognition, Up to 5 Buffer		
Temperature Compensation	-10°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			
No of samples storage	100		
Output			
a. Digital O/P for peristaltic Pump (optional)			
b. RS 232 for printer (optional)			
Enclosure	High Impact ABS UL94-HB		
Colour	Light Grey		
Dimension	215x225x75mm		
Weight	2kgs (Approx.)		

*This is Instrument accuracy. After calibration the accuracy along with electrode will be ± 0.05

pH STAT

Features:

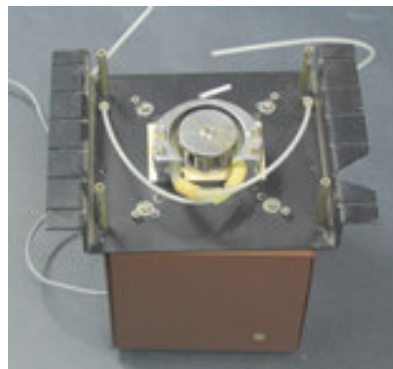
- LP-139SA Provides Unique solution in applications like transfer of liquids/chemicals for maintaining pH in R&D labs and Pilot Plants.
- It is versatile tool for Bio-chemical reactions, which can run for long time. It eliminates the manual pumping of liquids and provides a contamination-free automatic pumping of liquids.
- Now you can relax while the pH STAT continues to control the pH of sample till experiment is completed.

PERISTALTIC PUMP SPECIFICATIONS:

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

PERISTALTIC PUMP



Ordering Information:

Contact POLMON

For Further Information Contact:

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