DIGITAL pH METER

LP-135M



Microprocessor based TABLETOP LP-135M is an ideal instrument for lab. It can be used for measurement of pH, temperature, and mV. It incorporates Offset Slope, Calibration & Inbuilt temperature compensation. It is designed as the most convenient and user-friendly instrument considering practical problems while measuring pH. Easy operation with front panel keys.

Features

- Single or two buffer calibration
- Selectable Temp compensation Auto /Manual
- 0.8" seven segment Red LED display for pH
- 0.39" seven segment Red LED display for temperature
- Splash-proof membrane keyboard with tactile keys
- Selectable Acid/Base titration
- Corrosion free ABS Enclosure
- Documentation supports to GMP
- Error messages

Application

- Pharmaceutical industries
- Food industries
- Chemical industries
- Chemistry Labs
- Ecology Studies
- Sewage Treatment
- Food Processing

Specifications (LP-135M)

Technical			
Model No	LP-135M		
Measurement mode	Measuring Range	Resolution	Accuracy
Ph	0-14	0.01	± 0.01 without pH Buffers
			± 0.05 with pH Buffers
mV	0 to ±1000mV	1	±1
Display	0.39" seven segment LED display (RED) for Temperature		
	0.8" seven segment LED display (RED) for pH		
Keypad	Soft Tactile Membrane keypad		
Input Impedance	10^{12} ohms		
Ph Calibration	Auto /Manual, Single or Two buffer		
Temperature Compensation	0°C to 100°C (Auto or Manual)		
Ph offset adjustment	±120mV @ 7pH		
Ph slope adjustment	80% to 105% of reading		
Connectors	pH: BNC female		
	Temperature: 2 pin banana female		
Power Supply			
Input Supply	220VAC, 50HZ		
Physical			
Enclosure	High Impact ABS		
Weight	1.5 Kg (Approx.)		
Colour	Light Grey		
Accessories			
Electrode Stand	Included		
Electrode	Not Included		
Temperature Sensor	RTD Pt100 Class A Glass Sensor (Not Included)		
Buffers	Not Included		
Environmental			
Operating Temperature	10 to 50 °C		
Humidity	10-95%RH, Non-Condensing		

Ordering Information for Digital pH Meter (LP-135M)	
Model No.	*Future Use*
LP135M	X

Note: Order compulsory LP130-01

Ordering Information for pH Electrodes (LP-130)		
Model No.	*Printer Option*	*Future Use*
LP-130	01 – CL51B	

Ordering Information for ATC Probe (ATC25)	
Model No.	*Probe Type*
ATC25	10 – LP Sensor

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All specifications are subject to change without notice.
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