

HI 931700 MINI PANEL MOUNTED pH CONTROLLER

- HI 931700 is the smallest panel mounted pH controller around.
- Its small size allows installation close to the monitored equipment, thus adding to its versatility in the industry.
- Possible applications are almost infinite; from textile (particularly in the monitoring of pH in the wool processing), paper, photographic, plating and aquarium to the process industry. Also small swimming pools and water purification plants can be controlled with HI 931700.
- With an affordable cost, HI 931700 can help you monitor your installations that up to now have been seldom controlled.
- HI 931700 is equipped with single set point with selection of acid or alkaline dosage. It accepts direct input from any combination pH electrode ending in a BNC connector and provides measurements from 0 to 14 pH with a resolution of 0.01 pH.
- The mini pH controller range has now been enhanced with a UL/CSA approved model. HI 931700V is powered by 12VDC and supplied complete with a transformer.



SPECIFICATIONS

	HI 931700U	HI 931700D	HI 931700V
RANGE	0.00 to 14.00 pH	0.01 pH	
RESOLUTION	0.01 pH	±0.02 pH	
ACCURACY (@20°C/68°F)	±0.02 pH		
TYPICAL EMC DEVIATION			
INPUT	High impedance 10 ¹² Ohm		
CALIBRATION	Offset: ±2 pH by trimmer / Slope: 80 to 110% by slope trimmer		
READOUT	4-digit LCD plus graphic symbols		
RECORDER OUTPUT	4 to 20 mA (upon request also 0 to 20 mA)		
1 SET POINT RELAY	2 A, Max. 240 V, resistive load, 1,000,000 strokes		
POWER SUPPLY	110/115V; 50/60 Hz	220/240V; 50/60 Hz	12VDC adapter
ENVIRONMENT	-10 to 50°C (14 to 122°F), 95% non-condensing		
PANEL CUTOUT	73 x 42 mm (2.87 x 1.65")		
DIMENSIONS / WEIGHT	79 x 49 x 95 mm (3.11x1.93x3.74") / 130 g (4.58 oz.)		

HOW TO ORDER

HI 931700U 110/115V controller supplied with mounting brackets and instruction manual

HI 931700D 220/240V controller supplied with mounting brackets and instruction manual

HI 931700V controller supplied with mounting brackets, 12VDC adapter and instruction manual

ACCESSORIES

HI 1001	Plastic in-line pH electrode
HI 1090B/5	Glass pH electrode BNC+5 m (16.5')
HI 1090T	Glass pH electrode T connector
HI 2911B/5	Plastic pH electrode BNC+5 m (16.5')
HI 6054B	Electrode holder for in-line applications

HI 7004L	pH 4.01 buffer solution (460 mL)
HI 7007L	pH 7.01 buffer solution (460 mL)
HI 7010L	pH 10.01 buffer solution (460 mL)
HI 8427	pH and ORP electrode simulator
HI 931001	pH and ORP electrode simulator

For a comprehensive list of accessories, see section R.

