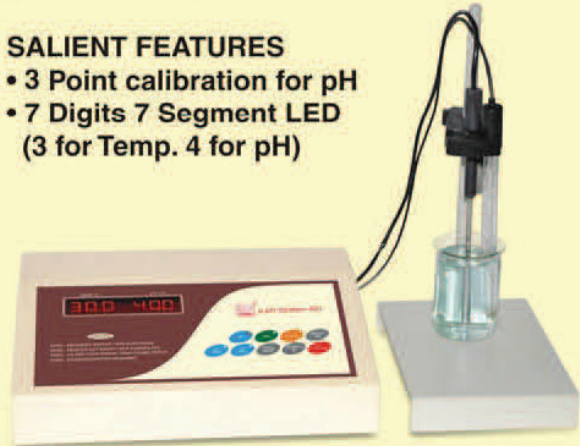


µC Based pH System

µC pH System 361

SALIENT FEATURES

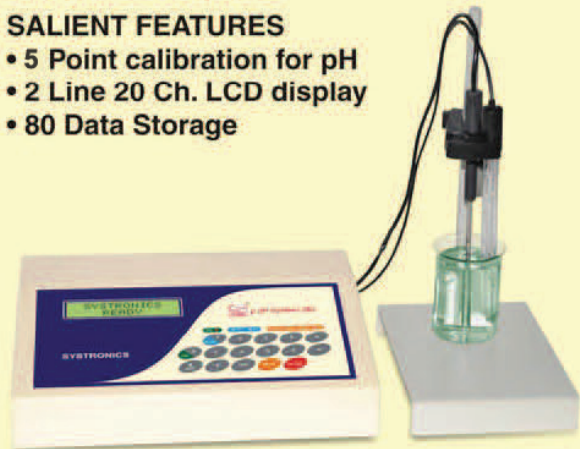
- 3 Point calibration for pH
- 7 Digits 7 Segment LED (3 for Temp. 4 for pH)



µC pH System 362

SALIENT FEATURES

- 5 Point calibration for pH
- 2 Line 20 Ch. LCD display
- 80 Data Storage



Acid - 0

Neutral - 7

Base - 14

SYSTRONICS (INDIA) LIMITED

(SYSTRONICS DIVISION)

Works : 89-92, Industrial Area, Naroda, Ahmedabad - 382 330, Gujarat, INDIA.
Phones : (079) 22813017 / 22813117, Fax : (079) 22821592,

Regd. Office : B/116-129, Supath-II Complex,
Near Juna Wadaj Bus Terminus, Ashram Road, Ahmedabad-380 013.
Ph. : 079-27557072, 27556077, Fax : 079-27552902

Email : sales@systronicsindia.com • mktg@systronicsindia.com
Website : www.systronicsindia.com

MANUFACTURERS OF ELECTRONIC INSTRUMENTS AND SCIENTIFIC EQUIPMENTS.

BRANCH ADDRESS :

BRANCHES AT : BENGALURU, BHOPAL, BHUBANESHWAR,
CHANDIGARH, CHENNAI, GUWAHATI, HYDERABAD, JAIPUR, KOLKATA,
LUCKNOW, MUMBAI, NEW DELHI, PATNA & THIRUVANANTHAPURAM.

SYSTRONICS pH System 361 & 362 is an intelligent high resolution and precise instrument. It measures pH of a solution, using a pH electrode. The unit can also measure millivolt (mV) generated by the sensing electrode. It is named as mV-Absolute when the unit is asked to work like a conventional voltmeter and as mV-Relative when the voltage is measured with reference to a 7 pH solution. Facility to measure temperature using a Pt 100 sensor is also provided.

The unit is housed in a compact, shock / rust proof & light weight injection molded cabinet.

SPECIFICATIONS	361	362
PH		
Range	: 0 to 14 pH	0 to 14 pH
Resolution	: 0.01 pH	0.001 pH
Stability	: 0.01 pH per hour	0.002 pH per hour
Relative Accuracy	: ± 0.02 pH ± 1 Digit	± 0.002 pH ± 1 Digit
Slope	: 85% to 115%	85% to 115%
Standard Buffers	: 7.000, 4.004, 9.183	1.679, 4.004, 7.000, 9.183, 12.454 Acceptable
Buffer Deviation	: ± 0.5 pH	± 0.5 pH
Other working buffers :		0 to 14 pH (value entered through numerical keys)
mV		
Range	: 0 to ± 1999 mV	0 to ± 1999.9 mV
Resolution	: 1mV	0.1mV
Accuracy	: ± 1 mV ± 1 Digit	± 0.5 mV ± 1 Digit or $\pm 0.05\%$ of reading
Temperature		
Compensation	: Auto / Manual	Auto / Manual
Range	: 0 to 99.9° C	0 to 99.9° C
Resolution	: 0.1° C	0.1° C
Accuracy	: ± 0.5 ° C ± 1 Digit	± 0.5 ° C ± 1 Digit
Display	: 7digits, 7segment LED (3 digits for temp. and 4 digits for pH)	2 line, 20 - character alphanumeric LCD
Annunciation	: With auto-polarity and decimal point. Mode annunciation by LED.	Individual LED with keys for calibration, pH, ABS mV, REL mV and print.
Data Storage	:	80 Reading
Printer port	: Epson compatible 80 column Dot Matrix	Epson compatible 80 column Dot Matrix
Power	: 230 V AC $\pm 10\%$, 50Hz.	230 V AC $\pm 10\%$, 50Hz.
Dimensions	: 250(W) X 205(D) X 75(H) mm	250(W) X 205(D) X 75(H) mm
Weight	: 1.25 kg (Approx)	1.25 kg (Approx)
Accessories	: i) pH Electrode (Combined) ii) Temperature Probe (PT-100 Sensor) iii) Electrode Stand & Clamp	i) pH Electrode (Combined) ii) Temperature Probe (PT-100 Sensor) iii) Electrode Stand & Clamp
Optional		
Accessories	: i) Redox Electrode (Pt. Electrode) ii) Calomel Electrode iii) 80 Column Dot Matrix Printer	i) Redox Electrode (Pt. Electrode) ii) Calomel Electrode iii) 80 Column Dot Matrix Printer

*Technical Specifications, Appearance & model number are subject to change without prior notice in keeping up with the state of art.