



# pH / EC / TDS / Salinity Meter - 372 (PETS)



- Measurement of pH, mV, EC (Electrolyte Conductivity), TDS and Salinity are possible
- pH, EC, TDS & Salinity any of one at a time (parameters displayed along with temperature of sample and selected parameter)
- 240\* 128 Monochrome LCD Display
- 500 Measured readings data stored for all four parameters along with temperature
- Integrated IC backup for calibration data
- Recall saved data for view, print etc
- In pH mode : 2, 3, 4 & 5 point calibration option, with user & standard buffer selections
- Measurement Display with big font
- Hold Function
- Auto / Manual both type temperature compensation (ATC / MTC)

## SYSTRONICS INDIA LIMITED

(SYSTRONICS DIVISION)

**Works :** 89-92, Industrial Area, Naroda, Ahmedabad - 382 330. Gujarat, INDIA.

Phones : +91 79 22813017 / 22813117, Fax : +91 79 22821592

**Regd. Office :** B/116-129, Supath-II Complex, Nr. Juna Wadaj Bus Terminus.

Ashram Road, Ahmedabad - 380 013.

Phones : +91 79 27557072, 27556077, Fax : +91 79 27552902

E-mail : sales@systronicsindia.com • mktg@systronicsindia.com

• Website : www.systronicsindia.com • CIN : U32201 GJ1973 PLC002437

### BRANCH ADDRESS :

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

MANUFACTURERS OF ELECTRONIC INSTRUMENTS AND SCIENTIFIC EQUIPMENTS.

## Specifications

### pH

Range	: 0 to 14.00 pH
Resolution	: 0.01 pH
Repeatability	: $\pm 0.01$ pH $\pm 1$ digit
Deviation of buffer	: $\pm 0.5$ pH approx Acceptable for calibration
Calibration Points	: 2, 3, 4 or 5
Standard Buffer	: 1.679, 4.004, 7.000, 9.183 & 12.454 (NIST Standard)
User Buffer	: 0 to 14 pH (User choice)

### mV

Range	: 0 to $\pm 1999$ mV
Resolution	: 1mV
Repeatability	: $\pm 1$ mV $\pm 1$ digit

### EC / TDS / Salinity

A C Voltage source	: 100 Hz or 1 KHz (Automatic Selection)
Temp. Co-efficient	: 0.00% to 9.99%, User Selectable

### Electrical Conductivity (EC)

Range	: 0.2 $\mu$ S to 200 mS. (6 decadic ranges)
Accuracy	: $\pm 1\%$ of F.S $\pm 1$ digit
Resolution	: 0.01 $\mu$ S in lower range
Cell constant	: Acceptable from 0.1 to 5.0

### Total Dissolved Solid (TDS)

Range	: 0.2 ppm to 200 ppt. (6 decadic ranges)
Accuracy	: $\pm 1\%$ of F.S $\pm 1$ digit
TDS Factor	: 0.1 to 0.99, User Selectable (At 2.0 % Tempco)
Cell constant	: Acceptable from 0.1 to 5.0

### Salinity

Range	: 0.1 to 40 ppt (> Sea water)
Resolution	: 0.1ppt
Accuracy	: $\pm 2\%$ of F.S. $\pm 1$ digit
Cell constant	: 1.0 C.C.

**Batch ID No** : 1 to 10, User Selectable

**Sample ID No** : 1 to 50, User Selectable

### Temperature Range & Compensation for pH / EC / TDS & Salinity

Automatic Temp. Range	: 0°C to 99.9°C with PT 100 sensor
Manual Temp. Range	: 0°C to 99.9°C User Selectable

**Memory** : Calibration & data storage  
(even when the power is off)

**Data Backup** : Max 500 (10\* 50)

**Display** : 240\* 128 Monochrome LCD

**RTC** : Date & Time

**Printer Port** : Epson compatible 80 Column  
D. M. Printer

**RS-232 Port** : PC Link data transfer

**Power** : 230V AC  $\pm 10\%$ , 50Hz

**Dimension** : 295 (W) X 300 (D) X 145 (H) mm

**Weight** : 3 kg

**Accessories**

- pH Combined Electrode
- Glass-Conductivity cell 1.0 C.C.  $\pm 10\%$
- Glass-Conductivity cell 0.1 C.C.  $\pm 10\%$
- Temperature probe (PT 100 sensor)
- Clamp / Stand

**Optional Accessories** : PC Link software

## pH / EC / TDS / Salinity Meter - 372

### pH / mV Sensor with Temp. Probe



### Conductivity / TDS / Salinity Sensor with Temp. Probe

