

# Analytical

## INSTRUMENTS



## pH/ORP TRANSMITTER

pH - 100S

Electronet series PH-100S are PH / ORP transmitters used for various industrial applications. It can accept input from pH / ORP electrode & pH / ORP signal is transmitted in the form of electrical 4 - 20 mA signal. The on-line pH / ORP indication is provided through LCD. Span / Zero adjustments are easily accessible. These transmitters are suitable for any make of electrode.



### Features

- On-Line Measurement
- 2 Wire System
- 4-20 mA DC Output
- Auto / Manual Temperature Compensation
- On-Line Indication through LCD Display
- Simple operating interface with basic Pictographs
- Easy installation

## CONDUCTIVITY TRANSMITTER

CT - 100S

Electronet series CT-100S are Conductivity transmitters used for various industrial applications. It can accept input from conductivity electrode of cell constant 0.01/0.1/1 & conductivity signal is transmitted in the form of electrical 4-20 mA signal. The on-line conductivity indication is provided through LCD. Span/Zero adjustments are easily accessible.



### Features

- On-line Measurement
- 2 Wire System
- 4-20 mA DC Output (Optional HART Compatible)
- Auto / Manual Temperature Compensation
- Simple Operating Interface
- On-Line Indication through LCD Display
- Protection Class IP-65
- Non Volatile memory retains program settings during power failures

## DISSOLVED OXYGEN TRANSMITTER

DO - 100S

Electronet series DO-100S are dissolved oxygen transmitters used for various industrial applications. It can accept input from DO electrode the signal is transmitted in the form of electrical 4-20 mA signal. The on-line indication is provided through LCD. Span/Zero adjustments are easily accessible.



### Features

- On-Line Measurement
- 2 Wire System
- 4-20 mA DC Output
- Auto / Manual Temperature Compensation
- Simple operating interface with basic Pictographs
- On-Line Indication through LCD Display
- Protection Class IP-65
- Easy installation

## pH / ORP TRANSMITTER

pH TX - 22

Electronet series PH / ORP TX 22 transmitter is designed for use in general purpose water applications. The large volume single junction reference cell coupled with the non-fouling porous Teflon liquid junction assures a long life in general service.



### Features

- Electrode with transmitter
- pH or ORP Measurement
- Designed for Flow Through and Submersion Applications
- 1" MNPT Process Connections
- Suitable for High Temperature Use
- Compact Design

## CONDUCTIVITY TRANSMITTER

CT TX - 22

Electronet series CT / TDS TX 22 are Conductivity Transmitter designed for fast, easy and trouble free start up. These are ideal for measuring the concentration of dissolved solids in water. They are provided with an accurate pre-determined factory calibration constants. Rugged design and corrosion resistant material keep electrode spacing and surface area constant so cell constant remain stable for long period. Durability of material and high resistance to corrosion ensures the long life and require low maintenance.



### Features

- Cell With Transmitter
- Available with 1/0.1/0.01 Cell Constants
- Temperature Compensation through PT 100 sensor
- System Accuracy 2% F. S.
- Measure Conductivity and Total Dissolved Solids in water

## DISSOLVED OXYGEN TRANSMITTER

DO TX - 22

Electronet series DO TX 22 transmitter is designed for use in general purpose water applications. They are provided with accurate predetermined factory calibrated sensors. Rugged design and corrosive resistant material keep electrode spacing and surface area too long last. Durability of the material and high resistance to corrosion ensures the long life and requires low maintenance.



### Features

- Electrode with transmitter
- Dissolved Oxygen Measurement
- Compact Design
- 1" MNPT Process Connections
- Suitable for High Temperature Use
- Flow through assembly in SS 316
- Designed for Flow Through and Submersion Applications

## ANALYTICAL INDICATOR CONTROLLER

AN - 100

Electronet Series AN - 100 is analytical Indicator Controller specially designed for various industrial applications. These can be used for monitoring conductivity / pH / ORP / DO of a solution. The measuring range and control points are able to set through the keypad on front fascia and control output is available at the rear terminals. Retransmission output, communication port are additive features of AN - 100.



### Features

- ON / OFF Indicator Controller
- Input from Conductivity Sensor
- Single Channel
- Software Calibration

## CONDUCTIVITY SENSOR

CS - 001

Electronet series CS-001 are Conductivity Sensors designed for fast, easy and trouble free start up. These are ideal for measuring the concentration of dissolved solids in water. They are provided with an accurate pre-determined factory calibration constants. Rugged design and corrosion resistant material keep electrode spacing and surface area constant so cell constant remain stable for long period. Durability of material and high resistance to corrosion ensures the long life and require low maintenance.



### Features

- System Accuracy @ 2% F. S.
- Temperature Compensation through PT 100 sensor
- Measure conductivity of dissolved solids in water
- Flow through assembly in SS 316
- Available with 10 / 1 / 0.1 / 0.01 Cell Constants

## UNIVERSAL ANALYTICAL CONTROLLER

UAC - 100

UAC-100 is dual input analyzer with single or dual sensor input. This analyzer supports wide range of measurement choices in industrial applications. It can accept pH / Conductivity / ORP / DO sensor input in any combination.



### Features

- Single / Dual channel
- Auto temperature compensation
- LCD Display
- Programmable relays
- Current Output 4-20mA
- Software Calibration
- Inbuilt memory for data logging
- Input from pH / ORP / Conductivity / DO Electrode and 4-20mA

### ELECTRONET EQUIPMENTS PVT. LTD.

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