

# Educational Lab Equipments





## Product Code . EL-TWL-11822

# **Charge Sensor**

### Description

### Charge Sensor

#### **Description:-**

The Charge Sensor can make quantitative measurements.

The sensor can also be used to measure charge polarity.

The sensor has three operating ranges and a zeroing switch to discharge the input capacitor.

Such as charging by induction, charging by friction, and charging by contact.

Numerical measurements improve many electrostatics experiments.

An extremely high-impedance voltage sensor with a 0.01?F input capacitor makes these measurements possible.

#### **Specification:-**

Maximum input: ± 150 V

Input capacitance: 0.01 ?F

Typical bias input current: 0.005 pA

Instrument time constant: 0.1 s

Ranges:-

± 2 V (± 20 nC)

± 0.5 V (± 5 nC)

± 10 V (± 100 nC)

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