

Product Code . JL-TWL-9195

Charge Sensor



Description

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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.

The Charge Sensor can make quantitative measurements.

The sensor can also be used to measure charge polarity.

Numerical measurements improve many electrostatics experiments.

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

Specification:-

Maximum input: ± 150 V

Input capacitance: 0.01 pF

Typical bias input current: 0.005 pA

Instrument time constant: 0.1 s

Ranges:-

$\pm 2 \text{ V}$ ($\pm 20 \text{ nC}$)

$\pm 0.5 \text{ V}$ ($\pm 5 \text{ nC}$)

$\pm 10 \text{ V}$ ($\pm 100 \text{ nC}$)
