

## Laboratory pH Sensor CST1480 specification

### Accurate pH Electrode for a Wide Range of Laboratory

Polymer-filled pH sensors provide good longevity and stability in many applications. The viscous electrolyte used as part of the reference design helps to greatly slow down the ingress of process liquids through the diaphragm. The end result is longer sensor life, quicker response, and less error due to poisoning and clogging effects. A laboratory pH sensor is used to determine the alkalinity or acidity of a sample both in the lab and in the field.

**Canada Smart Tech** offers reliable pH electrodes and probes that provide accurate readings for a wide range of applications in industries such as food, dairy products (Milk, Yogurt, Cheese), pharmacy, biotechnology, chemical and Micro samples. We have a broad portfolio that includes built-in temperature probes and low-maintenance options.

### Features:

- Professional pH/ Ref / Temp : 3-in-1 electrode.
- Unique structure preventing the sensor from easy pollution and blockage, so it has a long life.
- The reference system is filled with high polymer, convenient to use, it is unnecessary to refill electrolyte.
- Quick response of sensor, the measured value can be reached up in several seconds.
- Built-in temperature sensor (Users no need to have a separate temperature probe)

### Technical parameters:

- pH combination sensor.
- pH range : 0-14
- Temperature range: 0-80°C
- Built-in temperature Pt1000 sensor
- Pressure resistance: 0.6MPa
- The outer tube size:  $\phi$  12x120
- The outer tube material : plastic
- Temp. Compensation Thermistor : YES
- Color : Black or other color
- Connectors: BNC & RCA Cinch

### Application:

General Purpose , Analytical & QC Lab , Waste water , etc.

