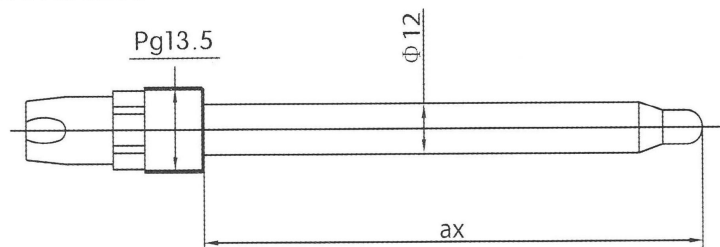


High-temperature Sterilization PH Sensor

Technical Indexes:

- Measuring range: 0~14pH
- Response time: 30~60S
- Stability: <0.05pH , 3 hours (voltage change 10%)
- Repeatability: $\leq +/ - 2\text{mv}$
- Measuring temperature: 0~130°C (measurement accuracy and small error)
- Sterilization temperature: $\leq 130^\circ\text{C}$
- Compressive strength: 0.4MPa
- Case material: special glass
- Electrode film thickness: high temperature resistant glass sensitive membrane 0.3mm

Model:CPH806



a_x
$a_1=120\text{mm}$
$a_2=150\text{mm}$
$a_3=200\text{mm}$

Features:

- ◇ It adopts heat-resisting gel dielectric and solid dielectric double liquid junction structure; in the circumstances when the electrode is not connected to the backpressure, the withstand pressure is 0.4MPa. It can be directly used for 130°C sterilization.
- ◇ There is no need for additional dielectric and there is a little amount of maintenance.
- ◇ High measurement accuracy, fast response and good repeatability.
- ◇ Reference electrode with silver ions Ag/AgCL
- ◇ Proper operation shall make service life longer.
- ◇ It can be installed in the reaction tank or pipe laterally or vertically.
- ◇ For the electrode length, there are 120, 150, 210, 260 and 320 mm available, according to different needs, they are optional.
- ◇ It adopts BNC and PG13.5 thread socket, which can be replaced by any overseas electrode.
- ◇ The electrode can be used interchangeably with Mettler, E+H, Switzerland Hamiltom, Sycamin etc foreign similar electrodes.

Scope of application:

Bio-engineering: Amino acids, blood products, gene, insulin and interferon.

Pharmaceutical industry: Antibiotics, vitamins and citric acid

Beer: Brewing, mashing, boiling, fermentation, bottling, cold wort and deoxy water

Food and beverages: On-line measurement for MSG, soy sauce, dairy products, juice, yeast, sugar, drinking water and other bio-chemical process.