

## Industrial Online Conductivity Electrode



Compression-type    Pipe thread-type    K = 10.0 Electrode    Compression-type electrode

### Features

The conductivity industrial series of electrodes are specially used for the measurement of conductivity value of pure water, ultra-pure water, water treatment, etc. It is especially suitable for conductivity measurement in the thermal power plant and the water treatment industry.

It is featured by the double-cylinder structure and the titanium alloy material, which can be naturally oxidized to form the chemical passivation.

Its anti-infiltration conductive surface is resistant to all kinds of liquid except fluoride acid. The temperature compensation are: NTC2.252K, 2K, 10K, 20K, 30K, pt100, **pt1000**, etc. which are specified by the user.

K=10.0 electrode adopts a large area of platinum structure, which is resistant to strong acid and alkaline and has strong anti-pollution capacity;

It is mainly used for on-line measurement of the conductivity value in the special industries, such as the sewage treatment industry and the seawater purification industry.

### Technical Indexes

| Constant of electrode | Compressive strength | Measuring range | Connection  | Material                         | Application                          |
|-----------------------|----------------------|-----------------|---|----------------------------------|--------------------------------------|
| 0.01                  | 0.6MPa               | 0-20uS/cm       | Pipes, hoses and flanged pipes, etc.<br>Diameter: Φ6, Φ8, Φ14, etc. | 316L Titanium Alloy              | Power Plant Water Treatment Industry |
| 0.1                   | 0.6MPa               | 0-200uS/cm      | Pipes, hoses and flanged pipes, etc.<br>Diameter: Φ6, Φ8, Φ14, etc. | 316L Titanium Alloy              | Power Plant Water Treatment Industry |
| 1.0                   | 0.6MPa               | 0-2000uS/cm     | 1/2 or 3/4 Thread Installation                                      | 316L Titanium Alloy and Platinum | Water Treatment Industry             |
| 10.0                  | 0.6MPa               | 0-20000uS/cm    | 1/2 or 3/4 Thread Installation                                      | Polysulfone and Platinum         | Water Treatment Industry             |

### ООО "РусАвтоматизация"