



## User's Manual of

EC sensor

SUP-TDS7003

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### Version

U-LTSD7003-MYEN1

### 1. Safe precautions

Please follow the operating procedures and precautions of this manual when using

- Do not power on before wiring is completed to avoid danger.
- If you find that the instrument works abnormally or is damaged during use, please contact us instead of repairing it yourself.
- In order to make the measurement more accurate, the meters must be calibrated frequently with sensors.
- If your electrode has been purchased for nearly a year or there is a quality problem with the electrode, please replace it.
- Please power on the instrument to warm up for 30 minutes before calibration.
- If the product is updated, this manual may be changed, but we will not notice.

### 2. Applications

Pure water, wastewater treatment, mariculture, semiconductor, power

### 3. Features

- Integrated parallel graphite structure, stable and accurate constant. Simple structure, easy to clean
- Multiple temperature compensation choices include: NTC22K and other temperature compensation options.
- K=1.0. Conductivity measurements from pure

water to seawater can be covered.

### 4. Product Introduction

Due to its excellent electrical conductivity and corrosion resistance, graphite is very suitable for conductivity measurement in various occasions, especially for some corrosive sewage and production process water. Compared with the traditional metal electrode, the bipolar graphite electrode made of graphite material has a wider measurement range: 0.1us/cm~70ms/cm.

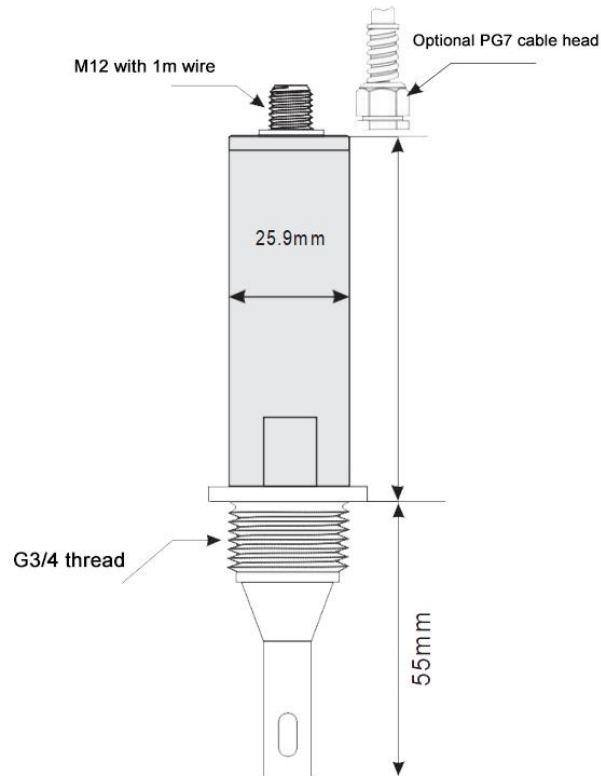
### 5. Parameters

Product	Graphite conductivity electrode
Electrode constant	1.0
Pressure	3bar
Range	0.1us/cm~70ms/cm
Installation	G3/4/NPT3/4,pipeline/flow-through/submerged installation
Material	PPS+POM+Graphite

Standard: EC sensor\*1

Customized cable length:electrode cable length 5m  
( Other lengths can be customized )

## 6. Dimension



Electrode Dimensions

## 7. Warranty & After-sales Service

We promise to the customer that the hardware accessories provided during the supply of the instrument have no defects in material and manufacturing process.

From the date of the purchase, if the user's notice of such defects is received during the warranty period, the company will unconditionally maintain or replace the defective products without charge, and all non customized products are guaranteed to be returned and replaced within 7 days.

### Disclaimers:

- During the warranty period, product faults caused by the following reasons are not in the scope of Three Guarantees service
- Product faults caused by improper use by customers.
- Product faults caused by disassembling, repairing and refitting the product.

### After-sales service commitment:

- We promise to deal with the customer's technical questions within 2 hours.
- For the instruments returned to the factory for maintenance, we promise to issue the test results within 3 working days and the maintenance results within 7 working days after receiving them.