

# SK-SY13

## CONDUCTIVITY METER



# SK-SY13

## FEATURES AND HIGHLIGHTS

**Design:** suitable for industries and institutions such as pharmacies, pharmaceutical factories, hospitals, health centers, research institutes, disease control centers, etc. it is mainly used for measuring the conductivity of solutions such as pure water, drinking water, boiler water, and laboratory wastewater.

**Working principle:** electrical conductivity of water refers to the ability of water to conduct an electric current, and is measured in units of s/cm or  $\mu\text{s}/\text{cm}$ . under the influence of an electric field, the strength of the conductivity of ions in water (expressed in terms of electrical conductivity) can be directly measured using a conductivity meter.

**Features:** Instrument has a function of compensating for the electrode constant of conductivity and compensating for the temperature of the solution.

### Technical parameters

▪ Measure Parameters	Conductivity, Tdc, Temperature
▪ Measuring Range (Conductivity)	(0~1×105)Ms/Cm
▪ Measuring Range (Tds)	(0~1000) Mg/L
▪ Measuring Range (Temperature)	(0.0~60.0)°C
▪ Electronic Unit Reference Error (Conductivity)	±0.5%(Fs)
▪ Electronic Unit Reference Error (Tds)	±1.0%(Fs)
▪ Electronic Unit Reference Error (Temperature)	±0.3°C
▪ Reference Error Of The Instrument (Conductivity)	±0.33%(Fs)
▪ Reference Error Of The Instrument (Temperature)	±0.6°C
▪ Temperature Compensation Range	(0~35.0) °C
▪ Powder Supply	Ac (220±22) V, (50±1) Hz
▪ Dimension	300×200×72 mm
▪ Weight	1.5Kg

#### Protective Case

Transparent silicone protective case to protect the instrument body and prevent it from being damaged.



#### Electrode Holder

Newly designed hanging bracket for easy removal and placement of the electrodes.



#### Instrument Interface Protection Cap

Plastic protective cap to protect instrument interface from water and dust.



#### Wristbands

Back wrist strap design is ergonomic and convenient to carry.



#### Material

Brand new engineering plastic casing has an attractive appearance and is durable.



#### Control Panel

Multi-functional buttons are clearly labeled and easy to operate.



#### Display

Instrument adopts a large-screen LCD segment display, which shows clearly and beautifully. It can display conductivity/temperature values or TDS/temperature values simultaneously.






## CONSTANT INNOVATION



Design



Research



Manufacturing



Maintenance



Service



## WORLDWIDE BRANCHES

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Company video



General catalogue