



## GE-133A Conductivity meter

Applications: Power Station、Petrochemical、Metallurgy、Mining industry、Paper industry、Fermentation Engineering、Medicine、Food & Beverage、Environmentally friendly water treatment、Aquaculture、Modern farming。

### Instrument Features

- Flexibility, reliability and low maintenance
- **128\*64** Large LCD display
- Menu operation mode
- Temperature compensation
- Two group of alarm relay
- Password protection

### Technique features

#### (1) Measuring range:

Conductivity:	0~20 μ S/cm	K=0.01
Conductivity:	0~200 μ S/cm	K=0.1
Conductivity:	0~10mS/cm	K=1.0
Conductivity:	0~20mS/cm	K=10.0
Conductivity:	0~100mS/cm	K=30.0
Temperature:	-5~110.0℃;	

#### (2) Resolution:

Conductivity: 0.01μS/cm; 0.01 mS/cm;  
Temperature: 0.1℃;

- (3) The basic error:  
Conductivity:  $\pm 1\%F \cdot S$ ;  
Temperature:  $\pm 0.5℃$ ;
- (4) The temperature compensation range:  
0~110℃;
- (5) The stability:  $\pm 0.2\%F \cdot S/24h$ ;
- (6) Current output:  
0~10mA (load resistance  $< 1.5K\Omega$ );  
4~20mA (load resistance  $< 750\Omega$ );
- (7) Two group of alarm relay:  
3A 240VAC, 6A 28VDC 或 120VAC;
- (8) Power supply:  
220VAC  $\pm 10\%$ , 50  $\pm 1Hz$ ,  
power consumption  $\leq 3W$ ;  
or 24VDC, power consumption:  $\leq 1W$ ;
- (9) The dimension:  
96(length)×96(width)×130(depth)mm;
- (10) Installation way: panel installation;  
The tapping size of electronic unit:  
91×91mm;
- (11) The electronic unit weight: 0.6kg;
- (12) Operating conditions :  
Ambient temperature : -10~60℃;  
Relative humidity: no bigger than 90%;  
There are no corrosive gas around;  
There are no other magnetic fields or  
electromagnetic fields which produce  
the negative effect except the earth  
magnetic field.

#### Conductivity Electrode:

- \* CED-01: 0 ~ 20 S/cm K=0.01 0~60C
- \* CED-02: 0 ~ 200 S/cm K=0.1 0~60C
- \* CED-03: 0 ~ 20 S/cm K=0.01 0~150C
- \* CED-04: 0 ~ 200 S/cm K=0.1 0~150C
- \* CED-05: 0 ~ 1000 S/cm K=1.0 0~60C
- \* CED-06: 0 ~ 20mS/cm K=10.0 0~60C
- \* CED-07: 0 ~ 100mS/cm K=30 0~150C