

CONDUCTIVITY / RESISTIVITY

CONDUCTIVITY ANALYZER - COND-2000E

Liquid Analysis

Measurement & Monitoring



DESCRIPTION

The COND-2000E features with intelligent automatic range switching, seamless convergence to improve product measurement accuracy. It can set up the electrical conductivity/TDS to meet the needs of different measurement standards. The control channel is completely isolated for better stability.

The COND-2000E is specially used for the measurement of conductivity value of pure water, ultra-pure water, water treatment, etc. It is featured by the double-cylinder structure and the titanium alloy material, which can be naturally oxidized to form the chemical passivation.

FEATURES

- ✓ Panel mounted microprocessor
- ✓ Auto temperature compensation
- ✓ Isolated 4-20mA DC output
- ✓ User friendly, easy maintenance

TECHNICAL FEATURES

Conductivity Range	0 to 2000 $\mu\text{S}/\text{cm}$
Signal Output	Isolated 4-20mA DC
OP Temperature Range	0 to 50°C
Medium Pressure	5 bar max
Accuracy	$\pm 1.5\%$ of F.S.
Power Supply	220V AC 50/60Hz
Display	LED display with backlighted
Meter Dimension	96 (W) x 48 (H) x 80(D) mm
Panel Mounted Size	92 (W) x 44 (H) mm
Sensor Range	C1 = 2000 $\mu\text{S}/\text{cm}$
Sensor Material	PA
Sensor Thread	1/2" thread
Sensor Cable Length	5m standard

I-SYSTEM MEASUREMENT
www.ismesb.com



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09-2021

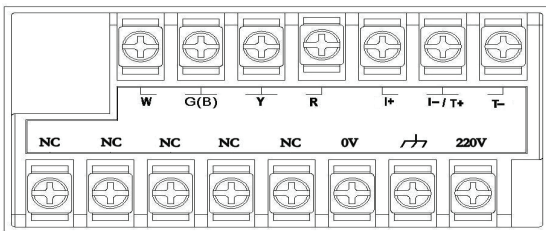
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
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I-SYSTEM

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WIRING DIAGRAM



- W — Conductivity cell White line
- G(B) — Conductivity cell Green line
- Y — Conductivity cell Yellow line
- R — Conductivity cell Red line
- I+/I-: — 4-20mA instrument mode, power from instrument's internal
- T+/T- — 4-20mA transmitter mode, power from conditioning modules
- 0V/220V — AC 220V power supply
-  — Electromagnetic compatibility on field protection terminal (connected with ground)
- NC — Empty terminal (no internal connection)

ELECTRODE INSTALLATION

