

Field Monitors

for **Conductivity**



- Microprocessor-based
- Three models to choose from 0-150 μ S, 0-990 μ S & 0-10 mS
- Continuous 24-hour monitoring
- Push button calibration
- \pm 2% full scale accuracy or better
- Automatic Temperature Compensation (ATC)
- Splash-proof keypad
- Bright LED display
- Sensor & AC adapter included

NEW

*Continuous
24-hour
monitor for
Conductivity*

1
Year
Meter
Warranty

**EUTECH
INSTRUMENTS**
Technology Made Easy ...



Conductivity Field Monitor



Direct Electrode Connection



Large Bright LED



Conductivity Electrode

Eutech Instruments' 24-hour Conductivity Field Monitor is equipped with an Application Specific Integrated Circuit (ASIC). Simple to use, this monitor is ideal for basic applications where 24-hour conductivity monitoring is required.

PUSH-BUTTON CALIBRATION

Calibration is screwdriver free, quick and easy. Simply press the CAL key, adjust the calibration values by pressing the up or down keys, and confirm it. **No other tools are needed!**

SPLASH-PROOF KEYPAD

Keypad is splash-proof and designed for easy finger touch operation. Tangible feedback confirms key selection – frees you from guesswork.

AUTOMATIC TEMPERATURE COMPENSATION (ATC)

The field monitor automatically compensates to keep readings accurate even under varying temperature conditions.

ELECTRODE WITH BUILT-IN TEMPERATURE SENSOR

The electrode is specially designed for low volume measurement and minimum bubble entrapment. Wetted materials include stainless steel 316 and epoxy, both of which have good chemical durability and are excellent for most applications. Electrode comes with 3m cable.

INNOVATIVE DESIGN

The monitor is lightweight and designed to hang easily on a flat surface like a wall, glass tank, on a container, almost anywhere. The bright LED ensures reading can be seen from a distance even in the dark. A polymer float is provided as standard accessory to make electrode-installation easy.

POWER SUPPLY

The conductivity monitor operates on 220 VAC or 110 VAC input (select suitable power adapter).

APPLICATION

Perfectly ideal for situations where continuous 24-hour monitoring is necessary, these monitors can be used in aquariums, fish farms, shrimp farms, agriculture, hydroponics, aeroponics, cooling towers, boilers, and other simple processes.

WARRANTY

Eutech Instruments supplies field monitors with 1-year warranty against manufacturing defects and 6-month warranty for electrodes.

Note: We reserve the right to make changes, improvements and modifications to products shown.

Specifications: Conductivity Field Monitor

Range	FM CON 1	FM CON 2	FM CON 3
Range	0 to 10.0 mS/cm	0.0 – 990 µS/cm	0.0 – 150 µS/cm
Resolution	0.1 mS/cm	10 µS/cm	1 µS/cm
Accuracy	±0.2 mS/cm	±20 µS/cm	±2 µS/cm
Calibration	Single-point Calibration		
Temp. Compensation	Automatic Temperature Compensation		
Operating Temp.	0 to 50 °C		
Power Requirement	9V AC/DC Adapter, 200 mA		
Input	Direct electrode connection		
Display	3 Digit LED display (RED)		
Dimension / Weight	Meter: 19 x 10 x 6 cm; 80 g Boxed: 24 x 23 x 7 cm; 550 g		

ORDERING INFORMATION

Order No.	Item
EC-CONFM1ST11	FM CON 1 : 0.0 to 10.0 mS/cm, with electrode and 110VAC power adapter
EC-CONFM1ST21	FM CON 1 : 0.0 to 10.0 mS/cm, with electrode and 220VAC power adapter
EC-CONFM2ST11	FM CON 2 : 0.0 to 990.0 µS/cm, with electrode and 110VAC power adapter
EC-CONFM2ST21	FM CON 2 : 0.0 to 990.0 µS/cm, with electrode and 220VAC power adapter
EC-CONFM3ST11	FM CON 3 : 0.0 to 150.0 µS/cm, with electrode and 110VAC power adapter
EC-CONFM3ST21	FM CON 3 : 0.0 to 150.0 µS/cm, with electrode and 220VAC power adapter

Eutech also provides meter accessories and calibration standards. Refer to separate brochures for information.

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