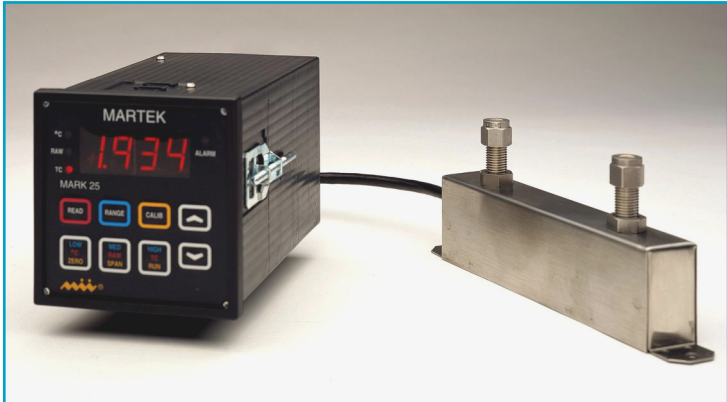


MARTEK® MARK 25

ULTRAPURE WATER CONDUCTIVITY ANALYZER

MARTEK INSTRUMENTS INC. MANUFACTURERS OF WATER QUALITY INSTRUMENTATION



*... for accurate, continuous,
in situ monitoring of ultrapure
water conductivity measurements*

The MarTek **Mark 25 Ultrapure Water Conductivity Analyzer** is a highly accurate, simple-to-use monitoring system that provides continuous monitoring of up to four ultrapure water sample points at an affordable price.

Designed to provide maximum performance and value, the Mark 25's ability to monitor up to four sample points along with a full complement of output capabilities allows the operator to customize the system to any application. A large, bright 4 digit LED display presents data and setup options quickly while DB-9 connectors and removable terminal strips allow for quick sensor, recorder, and alarm hookups. There's even an ON/OFF switch located on the rear panel.

Installation and calibration are easy and require a minimum of experience. Housed in a standard 1/4 DIN enclosure, the Mark 25 easily replaces inoperative or obsolete equipment without modification to existing sample panels. And, with a five year warranty for the analyzer and a lifetime for the conductivity sensor, the Mark 25 is designed for years of worry-free service.

The Mark 25 is ideal for all high purity processes in nuclear and high-performance fossil fuel power plants; condensate polishing systems and demineralizers; semiconductor and pharmaceutical manufacturing plants; and other industrial applications.

- **Large, 4 digit LED displays temperature, raw conductivity, and temperature-corrected conductivity for up to four sample points**
- **Three manual ranges: 0-1, 0-10, and 0-100 μ S/cm and auto-ranging**
- **Automatic digital calibration for temperature and conductivity**
- **Four isolated 4-20 mA analog and one RS232 digital output**
- **Four alarm set points and password protection**
- **Easy to install, calibrate, and maintain**
- **5 year warranty on analyzer and sensor electronics**
- **Meets ASTM, NIST, and USP 23 Guidelines for ultrapure conductivity measurements**

MARTEK MARK 25 SPECIFICATIONS

Parameter	Range	Resolution	Accuracy
Temperature	0 to 100°C	0.01°C	±0.1°C
Conductivity	0 to 1.000µS / cm 0 to 10.00µS / cm 0 to 100.0µS / cm	0.001µS / cm 0.01µS / cm 0.1µS / cm	±0.01µS / cm ±0.1µS / cm ±1.0µS / cm

Power 98-240 VAC, 50/60 Hz, optional 24VDC

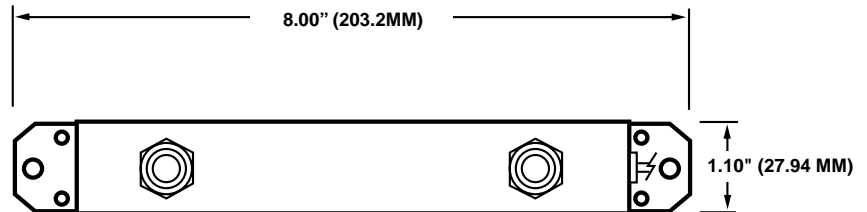
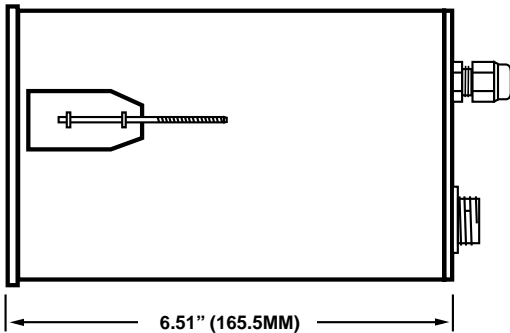
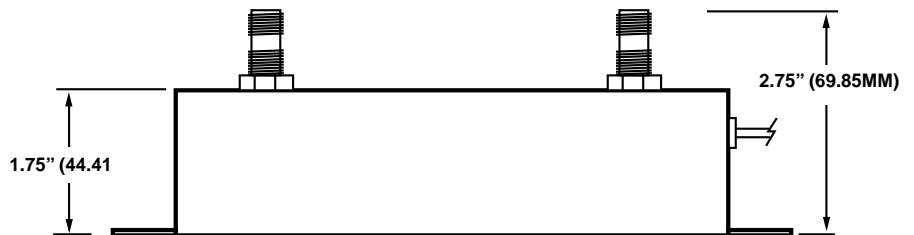
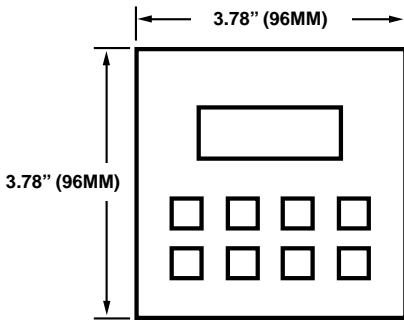
Recorder Output Four isolated, full scale 4-20 mA DC analog outputs and one RS232C digital output

Alarm Output Four relays, 5 amp, 250V

Weight 2 lbs (0.9 kg) including sensor with 10 ft (3 meters) cable

Construction Analyzer: ABS plastic, NEMA 12 (IP65), Panel mount (mounting hardware included) or wall
Sensor: Type 316 Stainless Steel and Teflon

Warranty* Analyzer and Sensor: 5 years



ORDERING INFORMATION

P/N

185-10 Mark 25 Analyzer

185-21 Flow-thru Conductivity Sensor with 10 ft. (3 meter) cable. Additional cable available up to 150 ft.

NOTE:

All prices FOB Factory. Specifications and prices subject to change without prior notice. Warranty subject to certain conditions. For complete warranty information, contact the factory.



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