

# MARTEK® MARK 25

## ULTRAPURE WATER DISSOLVED OXYGEN ANALYZER

MARTEK INSTRUMENTS INC. MANUFACTURERS OF WATER QUALITY INSTRUMENTATION



*... for accurate, continuous,  
in situ monitoring of up to four  
ultrapure water dissolved  
oxygen measurements*

The Martek **Mark 25 Ultrapure Water Dissolved Oxygen Analyzer** is a highly accurate, simple-to-use monitoring system that provides continuous monitoring of up to four ultrapure water sample points to the low parts-per-billion (ppb) level 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, calibration, and sensor maintenance 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, the Mark 25 is designed for years of worry-free service.

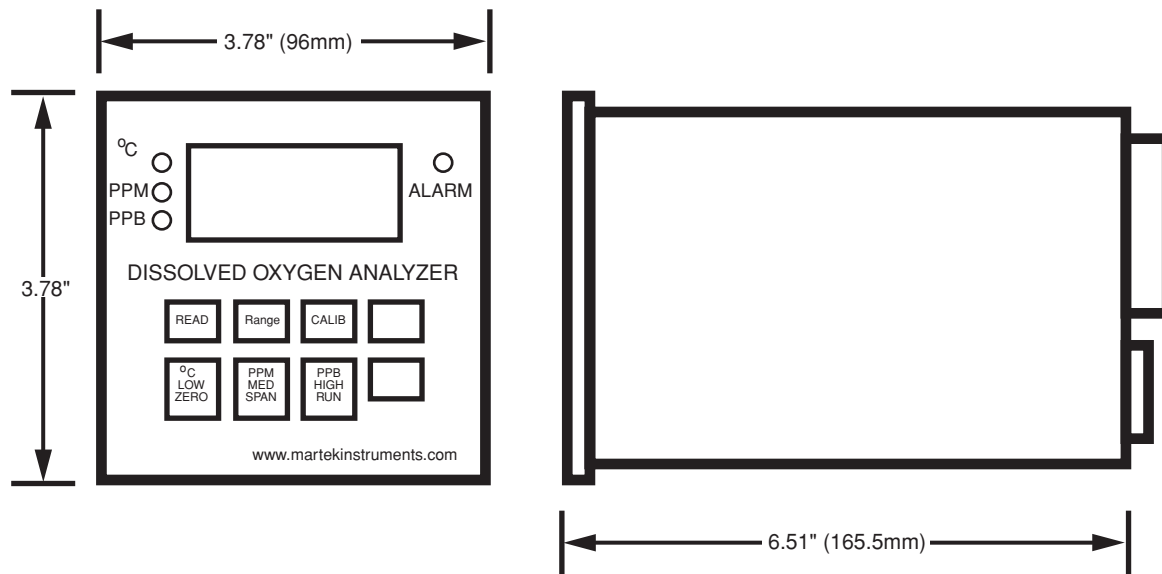
The Mark 25 is ideal for all high purity processes in nuclear and high-performance fossil fuel power plants; condensate polishing systems and demineralizers; semiconductor and pharmaceutical manufacturing plants; and other industrial applications.

- **Large, 4 digit LED displays temperature and dissolved oxygen for up to four sample points**
- **Four manual ranges: 0-20 ppb, 0-200 ppb, 0-2 ppm, 0-20 ppm and auto-ranging**
- **Manual and Automatic digital calibration**
- **Four 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**

# MARTEK MARK 25 DISSOLVED OXYGEN SPECIFICATIONS

Parameter	Range	Resolution	Accuracy
Temperature	0 – 50 °C	0.01 °C	±0.1 °C
Dissolved Oxygen	0 – 20 ppb	00.01 ppb	±0.1 ppb
	0 – 200 ppb	001.0 ppb	±1.0 ppb
	0 – 2 ppm	0.001 ppm	±0.01 ppm
	0 – 20 ppm	00.01 ppm	±0.1 ppm

**Power** 98-240 VAC, 50/60 Hz, optional 24VDC  
**Recorder Output** Four, full scale 4-20 mA DC analog outputs and one RS232C digital output  
**Alarm Output** Four relays, 1 amp 125V  
**Weight** 2 lbs (0.9 kg) including sensor with 6 ft (2 meters) cable  
**Construction** Analyzer: ABS plastic, NEMA 12 (IP65), Panel mount (mounting hardware included) wall  
 Sensor: Galvanic  
**Warranty** Analyzer: 5 years



## ORDERING INFORMATION

**P/N 185-10DO** Mark 25 Analyzer  
**P/N 185-27** Dissolved Oxygen Sensor with 6 ft. (2 meter) cable.  
**P/N 180-51** Type 316 SS Flow Chamber

**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.



**MARTEK INSTRUMENTS, INC.**

P.O. Box 14448 Raleigh, North Carolina 27620 USA  
 Phone: (800) 628-8834 or (919) 790-2371 Fax: (919) 790-2375  
 www.martekinstruments.com Email: info@martekinstruments.com