

MARTEK® MARK 25 ULTRAPURE WATER pH ANALYZER

MARTEK INSTRUMENTS INC. MANUFACTURERS OF WATER QUALITY INSTRUMENTATION



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

The **Martek Mark 25 Ultrapure Water pH Analyzer** is a highly accurate, single channel monitoring system that delivers continuous monitoring of ultrapure water at an affordable price.

Designed to provide maximum performance and value, the Mark 25 represents an economical alternative to Martek's highly successful line of ultrapure water quality analyzers. Simple to operate, the Mark 25's large 4 digit LED display provides temperature, standard Nernst-compensated pH, and solution compensated pH at the push of a button. Other features include auto-calibration for temperature, high and low alarm relays, password protection and analog or digital outputs.

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 sensor electronics, the Mark 25 is designed for years of worry-free service.

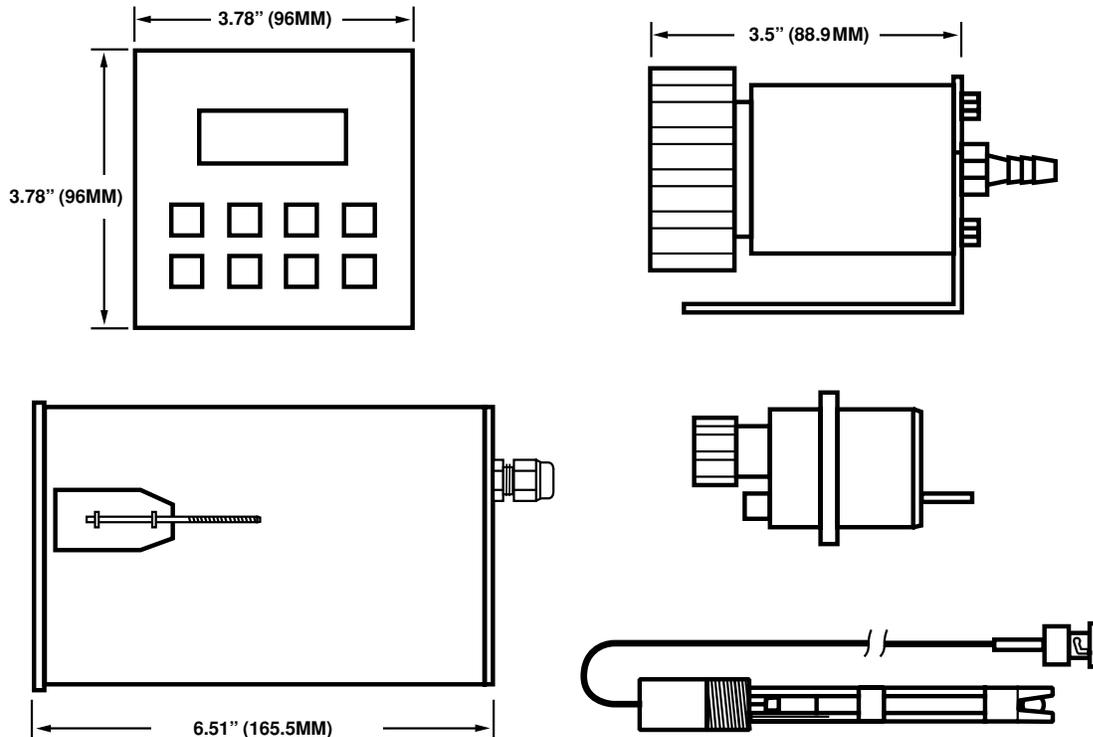
The Mark 25 is ideal for all high purity processes in nuclear and high-performance fossil fuel power plants; condensate polishing systems and demineralizers; semiconductor and pharmaceutical manufacturing plants; and other industrial applications.

- **4 digit parameter display of temperature, pH, and solution compensated pH**
- **Automatic digital calibration for temperature**
- **4-20 mA analog or RS232 digital outputs**
- **High and low alarm set points and password protection**
- **Easy to install, calibrate, and maintain**
- **5 year warranty on analyzer and sensor electronics**
- **Meets ASTM Guidelines for ultrapure pH measurements**

MARTEK MARK 25 pH SPECIFICATIONS

Parameter	Range	Resolution	Accuracy
Temperature	0 to 50°C	±0.01°C	±0.1°C
pH	0 to 14 pH units	0.01 pH units	±0.1 pH units

Power 98-240 VAC, 50/60 Hz, optional 24VDC
Recorder Output Isolated, full scale 4-20 mA DC analog or RS232C serial ASCII digital output
Alarm Output Two relays, 5 amp, 250V
Weight 2 pounds (0.9 kg) including sensor with 6 feet (2 meters) cable
Construction Analyzer: ABS plastic, NEMA 12 (IP65), Panel mount (mounting hardware included) or wallmount
 Sensor: Combination glass electrode with double junction reference
Warranty Analyzer: 5 years, pH electrode: 6 months



ORDERING INFORMATION

P/N	Description
185-10X	Mark 25 Analyzer ("X" specify "A" analog or "D" digital recorder output)
180-24S	pH Electrode with 6 ft (2 meter) cable
180-51	Type 316 SS Flow Chamber
180-51A	pH Adapter Plug for 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