



MARTEK® CCP ULTRAPURE WATER CATION CONDUCTIVITY PANEL

MARTEK INSTRUMENTS INC. MANUFACTURER OF WATER QUALITY INSTRUMENTATION



... for measurement of up to four cation conductivity sample points in ultrapure water processes

- Accurate, compact, cost-effective design makes it easy to install and operate
- Can monitor and record up to four cation conductivity measurements
- Portable stand available

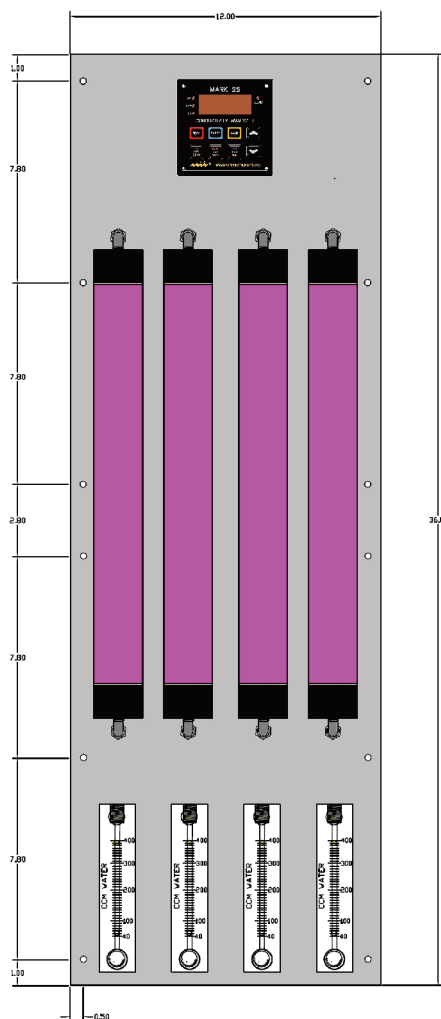
The Martek CCP is a compact, cost-effective system designed to monitor up to four sample points of cation conductivity in ultrapure water applications.

Specific conductivity has long been recognized as a simple, accurate, and reliable measurement for determining water purity in process streams. However, specific conductivity measurements can be further enhanced by the utilization of a strong-acid cation resin column. The cation column can remove alkalizing species and amines such as ammonia and sodium while converting mineral salts such as chloride and sulfate into more conductive acids. The cation conductivity measurement provides a more accurate assessment of a process system's purity and can quickly detect process upsets such as condenser tube leaks or excessive air inleakage.

The CCP's Mark 25 four-channel conductivity analyzer can monitor up to four sample points and comes with a full complement of output capabilities. A large, bright 4 digit LED display presents data, setup, and calibration options quickly and easily. The Mark 25 comes with a five year warranty while the unique flow-through conductivity sensors come with a lifetime warranty.

The Martek CCP's ability to provide real-time cation conductivity data on up to four sample points make it the ideal analytical tool for monitoring high purity processes in nuclear and high-performance fossil fuel power plants; HRSG (Heat Recovery Steam Generators), condensate polishing systems and demineralizers; semiconductor and pharmaceutical manufacturing plants; and other industrial applications.

MARTEK CATION CONDUCTIVITY PANEL SPECIFICATIONS



Power	120/240 VAC, 50/60 Hz
Weight	32 lbs (14kg)
Dimensions	12 inches (30.5cm) x 36 inches (91.4cm) x 8 inches (20.3cm) WHD
Construction	Panel: Stainless Steel; Cation Column: Acrylic, Delrin, & polyethylene; Sensors: Type 316 Stainless Steel & Teflon; Flow meters: Acrylic
Mounting	Panel-mounted (optional portable stand available)
Connections	Both inlet and outlet connections use 1/4" swaged fittings
Sample Lines	1/4" Type 316 Stainless Steel tubing
Sample Flow	100-275 cc/min
Environmental	NEMA 12 (IP 65), Operating temperature 10° C to 80° C

ORDERING INFORMATION

Part Number
185-40 Martek Cation Conductivity Panel

NOTE:
All prices FOB Factory. Specifications and prices subject to change without notice.



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