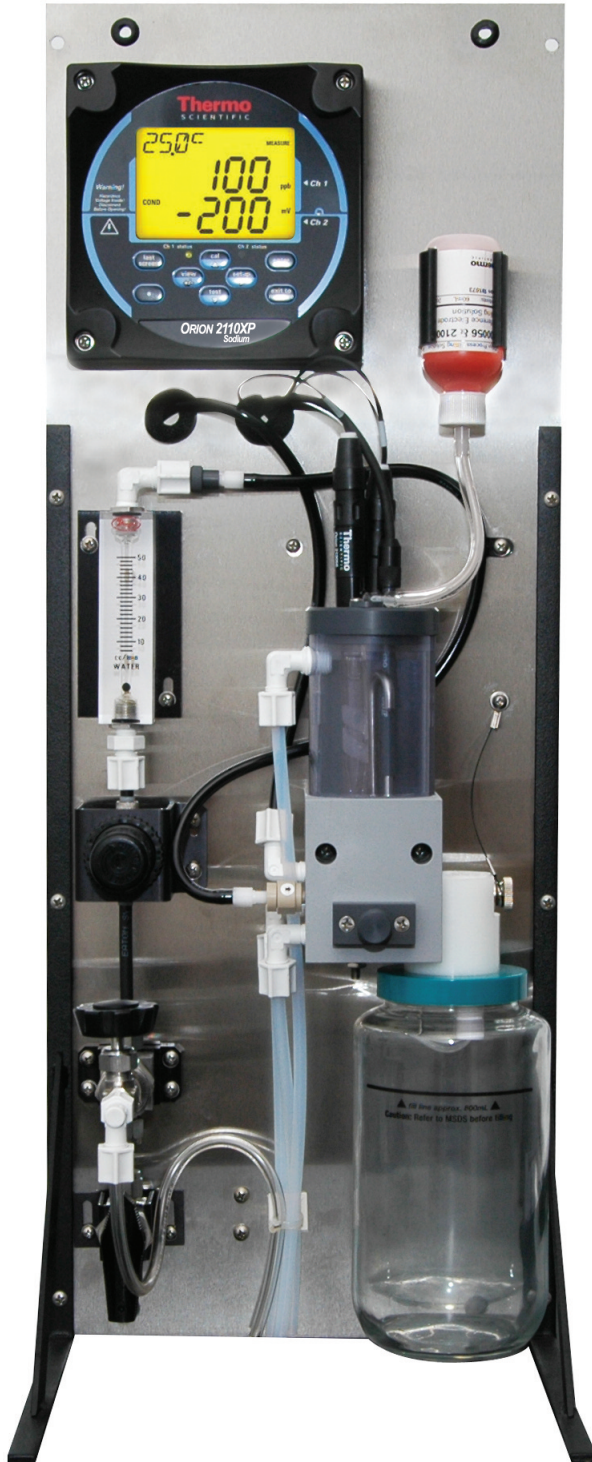




MARTEK® SCOUT SODIUM PANEL

MARTEK INSTRUMENTS INC. MANUFACTURER OF WATER QUALITY INSTRUMENTATION



*... for measurement of sodium in
critical ultrapure water processes*

- **Accurate, compact, cost - effective design makes it easy to install and operate**
- **Advanced user interface with detailed calibration, measurement & diagnostic logs for early action level notification**
- **Simple and fast calibration using double known addition**
- **Portable stand available**

The Martek Scout Sodium Panel is a compact, cost - effective system designed to monitor high purity water in critical applications requiring the utmost in accuracy and reliability.

With a detection limit of 0.1 ppb, the Martek Scout offers flexible application packages ideally suited for continuous sodium monitoring in a wide variety of samples:

- **Ammonia Package** - for general purpose sodium measurements - provides up to 45 days of continuous operation
- **Diisopropylamine (DIPA)** - best suited for low detection range - provides up to 60 days of continuous operation
- **Cation/High Acid Package** - for cation exchange break through and high samples - acid provides up to 45 days of continuous operation

Utilizing the proven double known addition method of calibration, the Scout provides step - by - step scrolling instructions for set - up, calibration, operation, and diagnostic menus via a large, backlit display. In addition, the Scout's compact design allows it to be used in a portable capacity for validating and/or calibrating other on - line sodium analyzers.

The Martek Scout Sodium Panel's ability to provide real - time sodium analysis make it the ideal analytical tool for monitoring high purity processes in nuclear and high - performance fossil fuel power plants; condensate polishing systems and demineralizers; feedwater/makeup water; semiconductor and pharmaceutical manufacturing plants; and other industrial applications.

MARTEK SCOUT SODIUM PANEL SPECIFICATIONS



Power	85 -132 or 170 - 264 V AC
Weight	18 lbs (8.2 kg)
Dimensions	10 inches (25.4cm) x 26 inches (66.0cm) x 8 inches (20.3cm) WHD
Construction	Panel: Stainless Steel
Mounting	Panel - mounted (optional portable stand pictured)
Connections	Both inlet and outlet connections use 1/4" swaged fittings
Sample Lines	Inlet: 1/4" NPTF tube fitting, Drain: 3/4" NPT male; Inlet pressure: 8 - 100 psig
Sample Flow	DIPA & Ammonia Applications: 40mL/min; Cation/High Acid: 25mL/min
Environmental	Ambient operating and sample temperature: 5° C to 45° C
Output	Two analog outputs, 0-20 or 4 - 20 mA, galvanically isolated
Alarms	Three alarm outputs; three relay outputs; Max relay load: 250 VAC, 5 A, 30 VDC

ORDERING INFORMATION

Part Number

190-10

Martek Scout Sodium Panel - Includes analyzer, fluidics, sensors & reagent bottle adapter with diffusion tubing. Specify application package when ordering: Ammonia, DIPA (diisopropylamine), or Cation/High Acid application.

190-10S

Portable Stand (pictured)

NOTE:

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



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