

# prepFAST PPQ

## Electronics in Rear Plenum

## Concentration Columns

Three concentration columns on valves for ultra low detection limits

## Multi-position Valve

Selects sample input stream for monitoring several sample sources

## Exhausted Enclosure

Built-in to allow for maximum safety when directly analyzing concentrated chemicals

## Enclosed Bottle Sampling

Integrated bottle cap and probe for concentration analysis of grab samples

## Sample Containers

<1 mL up to 500 mL

## Integrated Ultra-high-purity Syringe Dilution

Inline automated calibration and dilution system

## High Purity PFA Reservoirs

With level sensors

## Leak Sensors

With external warning light and auto-shut-off

## Double Containment Tray

## UPW Polishing Columns

UPW is used as carrier, diluent, and rinse to control background levels and improve detection limits

## SampleSense Valve

Automatically detects all sample types and eliminates method timing variables

## Ultraclean Fluoronetic Z-rail

Long-lived and chemically resistant true fluoropolymer action with magnetically coupled linear drive

## Auto Aligning Arm and PFA Probe

## Overflowing UPW Dual Rinse Station

## Ultrapure Water Valve

Controls UPW flow into and throughout the prepFAST PPQ

## Sample Inlet

Controls up to four incoming pressurized chemicals

## Micro Sampling

Precision loading for micro sample analysis

