

prepFAST SE

Benchtop System for Automated Sample Introduction of Ultrapure Chemicals

Automated Calibration

- Automatically create calibration curves
 - External or MSA
- Calibrate to single digit ppt
 - From single 1 ppb stock standard
- Ideal for samples that can be run neat
 - Ex: UPW, IPA, and 31% H₂O₂

Syringe Sample Injection

- Prevents clogs in nebulizer
- Analysis flow rate can be determined independently for each chemical
 - <50 uL/min up to 400 uL/min
- Syringe loading for precise analysis of small volume samples
- High speed washout of nebulizer and spray chamber when switching chemical types

Fluoronetic Autosampler

- Integrated chemically-resistant Fluoronetic Autosampler
- PCTFE/PTFE non-contaminating movement
- Small benchtop footprint (micro or 2DX models)
- Configurable with many PFA sample containers, including:
 - Micro sample vials (< 1 mL)
 - 15, 30 and 60 mL PFA vials
 - 100, 250 and 500 mL bottles

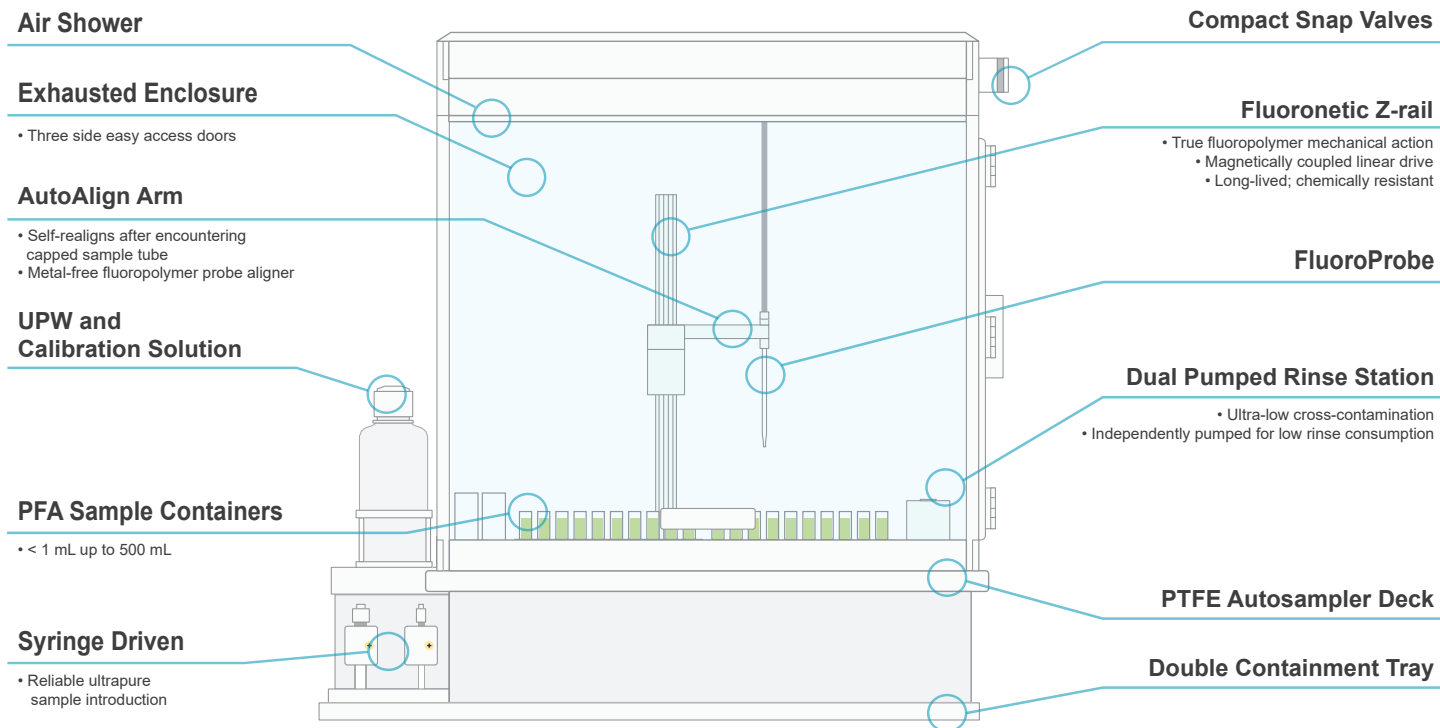


prepFAST SE micro

**For samples requiring sample preparation, the prepFAST S is available.*



prepFAST SE 2DX Features Diagram



A UPW Intake Manifold and Compact UPW Valve may be added with an additional leak sensor for a direct UPW connection instead of using bottle fed UPW.

Additional Options

- Clean air shower
- Leak sensors
- ICPMS Tuning Valve
- UPW Intake Manifold and compact UPW valve



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