

TRAXStation Digest

Automated hot block digestion and sample preparation system



Automated Hot Block Digestion and Sample Prep

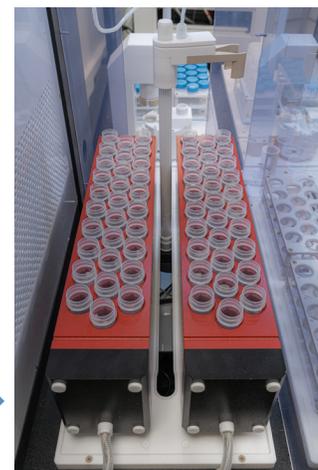
- Robotic sample handling processes samples through digestion and preparation
 - Uncapping, digesting, diluting, mixing, spiking, and filtering
- Set down capped samples and walk away - **TRAXStation Digest** does the rest

Improved Lab Safety

- Minimizes hands-on time and frees staff for higher-value tasks
- Fully enclosed design confines acid fumes and heat to isolated digestion chamber
- Reduces operator exposure to hazardous chemicals
- Metal-free, acid-inert construction

Enhanced Reproducibility and Traceability

- Standardizes sample handling and digestion conditions
- Reduces analyst-to-analyst variability
- Barcode reading creates a complete audit trail for the sample from start to finish



Isolated Digestion Chamber

Safely confines heat and fumes to ventilated area.



 **Learn More**

Features Diagram

ULPAClean 10

- Provides positive pressure environment, keeping fumes in hot block digestion area
- Removes 99.999% of airborne contaminants

Isolated Digestion Chamber

- Hot block digestion up to 150 °C
- Specialized ventilation provides laminar flow to remove fumes

TRAXFluoroGrip

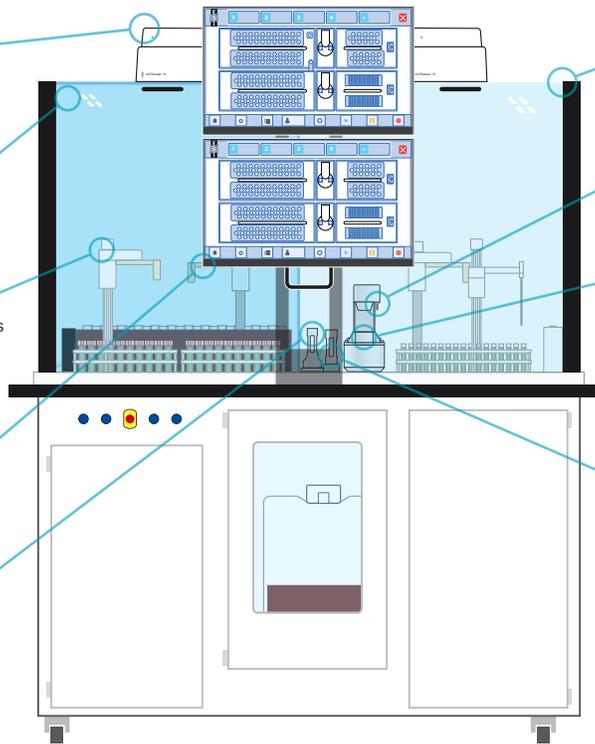
- Automatically accesses and grips sample vessels
- Transfers samples to TRAXLink for uncapping and barcode reading
- Acid-inert fluoropolymer material

TRAXDisplay

- Easily run methods with LabSymphony software
- Library stores unlimited number of methods
- Export data as .csv or Excel file to LIMS

TRAXSpin

- Automated vortex mixing



TRAXShield

- Protects lab from harmful fumes
- Easily access samples from all four sides

LinkDispense and LinkGauge

- Dynamically adjusts the volume of diluent based on the current volume in the tube

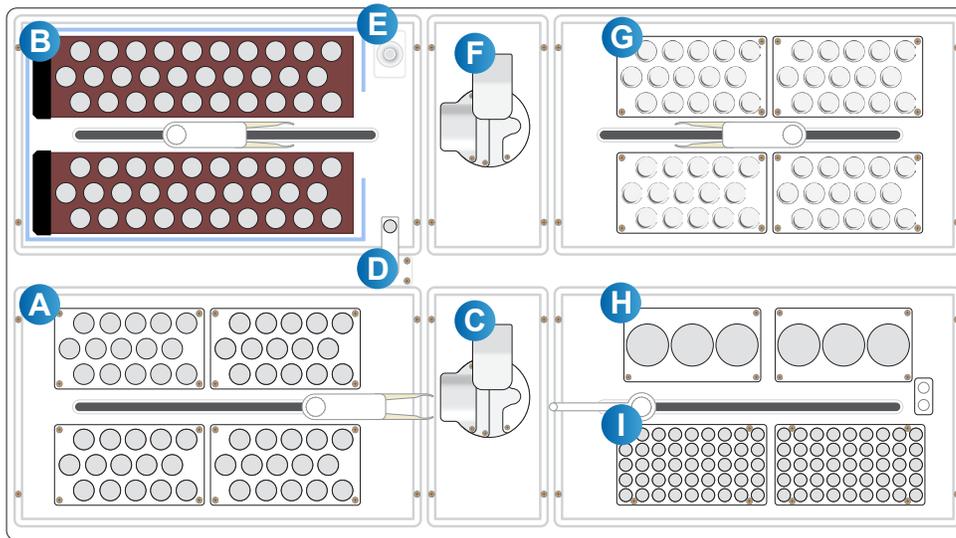
TRAXLink

- Automatic uncapping and recapping of sample vessels
- Barcode scanning and data communication with software
- Verifies capping and uncapping
- Measures sample volume before and after digestion

InterLink

- Transfers source vials to rear workflow
- Enables access to hot block digestion

TRAXStation Digest Automates All Sample Preparation Steps



- A) Capped source samples
- B) Hot block digestion
- C) Barcode scanning, capping, uncapping, acid addition, volume sensing and dilution
- D) Sample transfer to rear workflow
- E) Vortex mixing
- F) Uncapping/cap exchange
- G) Cap storage
- H) Reagents
- I) Aliquoted samples

