



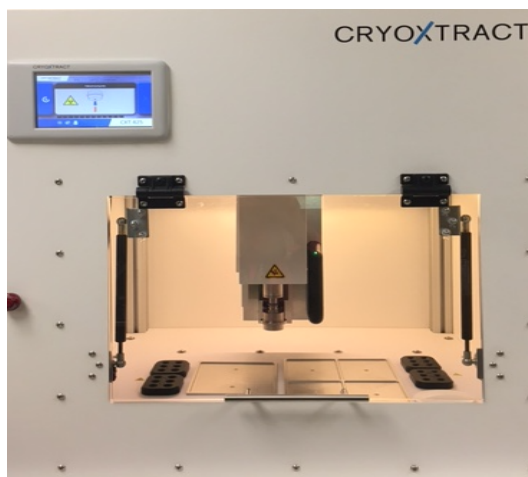
CXT 425 Benchtop

Frozen Sample Aliquotter

Preserves sample quality and streamlines sample processing

The CXT 425 Frozen Sample Aliquotter is a semi-Automated benchtop instrument for the frozen Aliquoting of a wide range of sample types, Including tissue, feces, serum, plasma, whole blood, urine, and other biofluids.

The instrument extracts multiple cores or Aliquots from a frozen sample. Parent samples and aliquots are maintained below -80C. throughout the aliquotting process via LN2 chilling, eliminating freeze-thaw cycling.



CXT 425

Benefits of Frozen Aliquotting

Improve Sample/Data Integrity

- Avoid analyte degradation due to freeze-thaw
- Stabilizes labile molecules for analysis
- Preserve parent sample for improved reproducibility and retrospective studies

Increase Data per Sample

- Capture specific tissue sections for analysis
- Analyze nucleic acids, metabolites and proteins

Increase Sample Usage

- Dispense small volumes without thawing
- Conserve rare and late stage disease samples

Ensures Biosafety and Enhance Workflow

- Limits handling of feces
- Re-access frozen samples
- Avoid manual slicing of frozen tissue

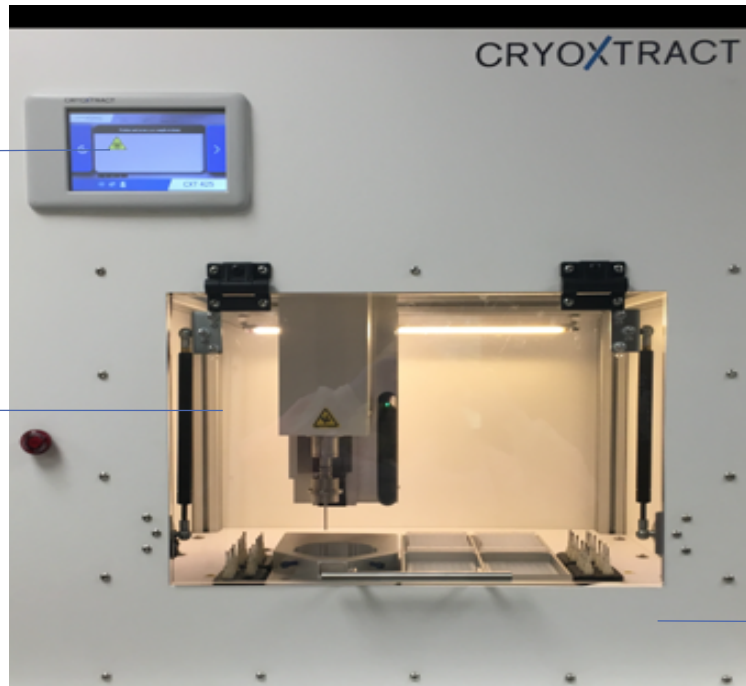
Time Savings for Researchers

- Cores in less than 60 seconds
- Easy instrument prep, cleaning and maintenance

Generates high-quality sample preparations

Frozen aliquotting enables processing of a single parent sample for multiple types of analyses. In particular, RNA quality can be highly affected by sample handling. Several laboratories have evaluated frozen aliquotting with RNA analysis. High RNA integrity was achieved across multiple sample type

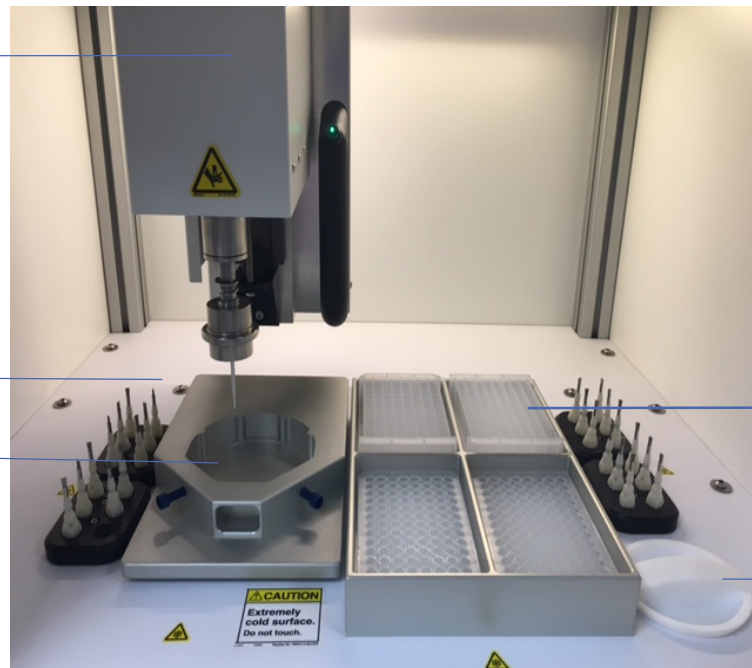
Improve Lab Workflow and Efficiency



Easily save and run user-specific protocols

Easy pull up access door with locking mechanism

Chilled deck remains cold (-80 to -150C.) at all times



Patent technology generates frozen aliquots 10ul to 250ul

Single use, nuclease-free coring probes prevent sample carryover

Broad range of compatible adapters to hold source samples

Flexible custom tube racks to fit any destination tube type

LN2 fill port