tousimis® touchscreen 931

Recipe Capable CPD with "Stasis Software" *

WINNER OF
MICROSCOPY TODAY
INNOVATION AWARD

931.GL

tousimis

Chamber Size Choices

• The Advanced 931 SAMDRI® Critical Point Dryer Series is now available in 1.25", 2.50" and 3.40" chamber sizes.

Recipe Capability

• The Autosamdri®-931 enables the operator to program and save specific recipes especially useful for making Aerogels.

Standard Innovations

• Integrated field proven tousimis® innovations: EZ Access Post Purge Filter, Chamber Inserts LCO$_2$ Filtration, Slow Fill ...

Sample Holder Choices

• Various sample holders available for multiple applications including one capable of retaining particles to 2 μm.

Stasis Software

• The Autosamdri®-931 series comes with "Stasis Software" (Patent Pending) specific for Drying Gels and other various challenging sample types.
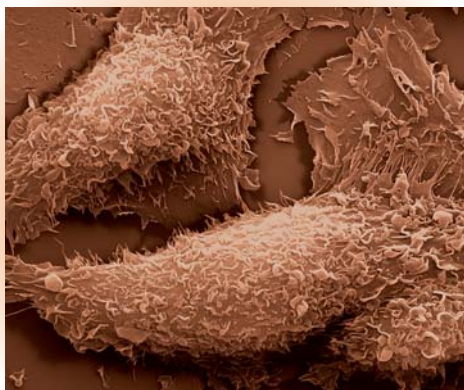
Reproducibility

• The Autosamdri®-931 delivers a new level of Precision Process Control enabling Automated Reproducible Results.

... celebrating 40 years of CPD innovation ...

FEATURES

- Bright LCD Touchscreen Control
- Use Factory Default Settings or Create Custom Recipes
- Micro Metering Valves with Easy View Vernier Handles
- 'Slow Fill' Control for the most delicate Sample Types
- Internal Particulate Filtration down to 0.08um *
- Fast Adiabatic Chamber Cooling (Less than 60 seconds for 1.25" Process Chamber)
- External mounted Post Purge Filter Assembly allows EZ maintenance
- Internal SOTER™ Condenser separates waste alcohol and CO_2, eliminates both Static discharge, exhaust freeze up. and purge exhaust noise.
- Illuminated Process Chamber for exact process flow viewing
- Non-Mechanical Purge Stirring (Patent Pending) eliminates moving parts for easy maintenance
- "Stasis Software" (Patent Pending) with complete range control for Gels and more challenging sample types
- "Stasis Software" (Patent Pending) takes advantage of lower density and viscosity parameters of both LCO_2 and alcohol for complete LCO_2 replacement during traditionally difficult sample process runs
- Compact Cabinet with Small Foot Print static free design
- Electronic components meet CE, UL and/or U.S. Military specifications
- Low Power Consumption and minimal facility requirements
- Global Service and Support
- Made in U.S.A.

SKBR3 Breast Cancer Cells CPD Processed by
Dr. Rita Serda, Ph.D, The University of Texas Health Science Center at Houston

SPECIFICATIONS

- Cabinet: (W) 15.0" (38.0cm) x (H) 13.25" (33.5cm) x (D) 20" (50.8cm)
- System Set-Up Area Required: (W) 24" (61cm) x (D) 22" (56cm)
- Chamber size: Available in three sizes
  1.25" ID x 1.25" Depth (31.75mm ID x 31.75mm Depth) -   25 ml Volume
  2.50" ID x 1.25" Depth (63.50mm ID x 31.75mm Depth) - 100 ml Volume
  3.40" ID x 1.25" Depth (86.36mm ID x 31.75mm Depth) - 186 ml Volume
- Pressure Gauge Range: 0- 2000 psi, Temperature Range - 40°C to 60°C
- Available in either 120V or 220V Versions
- Resistive Touchscreen VGA LCD

STANDARD ACCESSORIES

- Flexible High Pressure LCO2 Supply Hoses for easy site installation
  Non-Cleanroom 5ft (1.5m) Cleanroom 10ft (3.0m)
- LCO_2 System Delivery Filtration down to 0.5μm
- Flexi-Exhaust Tubing provided for EZ installation.
- Flow Meter allows precise BLEED Exhaust Rate Flow Control
- Spare chamber O-ring (2), chamber lamp (1), and 5A slo-blow fuses (2)
- User Manual and Check-Out Data Sheet
- 2 year warranty on all parts and labor
- Free lifetime technical support

Released Cantilevers after Thermal Annealing
Nicolas André, Université Catholique de Louvain, Belgium

Visit our web site at tousimis.com or contact us about the various sample holders.

* U.S. patented (# 6,493,964) or patent pending.
Note: Actual delivered model or accessories may vary slightly as advancements are integrated into systems.