

**NEW!**

 **tousimis**



**... THE NEXT GENERATION OF CRITICAL POINT DRYERS ...**

***Versatile Chamber Size***

- The Advanced 931 SAMDRI® Critical Point Dryer Series is now available in 1.25", 2.5" and 3.1" chamber sizes.

***Save Recipes***

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

***Standard Innovations***

- Include our legendary field proven tousimis® innovations: EZ Access Post Purge Filter, Chamber Inserts LCO<sub>2</sub> Filtration, Slow Fill ...

***Process Samples Down to 2 µm***

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

***Stasis Mode***

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

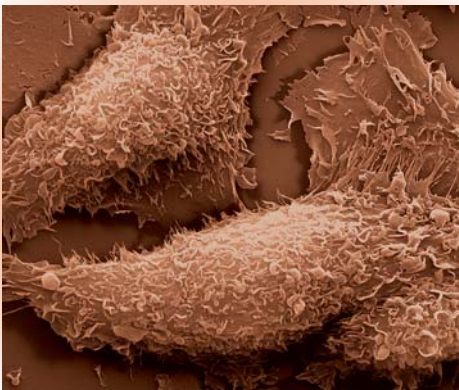
***Precision Process Control***

- The Advanced 931 SAMDRI® 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 and Save Your Own Recipes
- Customize Programs or "Recipes" catering to your Specific Sample Type
- Easy View placement of Vernier Handles with Micro Metering Valves
- Slow Fill Control for the Most Delicate Sample Process
- Complete internal 0.5 µm Particle Filtration to protect samples and valves
- Fast Adiabatic Chamber Cooling (Less than one minute for 1.25" chamber)
- External mounted Post Purge Filter Assembly allows EZ maintenance access
- Internal SOTER™ Condenser separates waste alcohol and CO<sub>2</sub>, dissipates static discharge and eliminates purge exhaust noise
- Top Loading Under Lit Process Chamber for easy process flow viewing
- Non-Mechanical Purge Stirring (Patent Pending) eliminates moving parts for easy maintenance
- Available with "Stasis Software" (Patent Pending) with complete range control for Gels and more challenging samples
- "Stasis Software" takes advantage of lower density and viscosity parameters of both LCO<sub>2</sub> and alcohol for complete LCO<sub>2</sub> replacement during sample process run
- Modern Compact Cabinet with Small Foot Print static-free design
- All electronic components meet CE, UL and/or U.S. Military specifications
- Low Power Consumption and minimal facility requirements
- Made in U.S.A.
- Global Service and Support



SKBR3 Breast Cancer Cells CPD Processed by Fully Automatic Autosamdri®-815, Series A  
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
  - 2.50" ID x 1.25" Depth
  - 3.10" ID x 1.25" Depth
- Pressure Gauge Range: 0- 2000 psi, Temperature Range - 40°C to 60°C
- 120 V/50-60 Hz, 5A (other voltage units also available, Please inquire)
- Resistive Touchscreen VGA LCD

## STANDARD ACCESSORIES

- Flexible High-Pressure braided stainless steel inert Teflon® lined LCO<sub>2</sub> Supply Hose, 10ft (3.0m)
- External LCO<sub>2</sub> Filtration System (#8784) removes water/oil and particulates down to 0.5µm conveniently pre-installed onto your LCO<sub>2</sub> High Pressure Hose
- Static Free Exhaust Tubing for both PURGE/VENT/BLEED and COOL exhaust lines
- Flow Meter supplied allows precise BLEED Exhaust Rate Flow Control
- Spare chamber O-ring (2), chamber lamps (2), 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 Processed by Automegasamdri®-915B, Series C  
Nicolas André, Université Catholique de Louvain, Belgium

**Visit our web site at [tousimis.com](http://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 being constantly applied.