

THE FULLY AUTOMATIC CRITICAL POINT DRYER

AUTOSAMDRI®-815, Series A



tousimis

The Fully Automatic **Autosamdri®-815, Series A*** was developed by Dr. A. J. Tousimis and our instrument design team. The **Autosamdri®-815, Series A*** is a fully Automatic Critical Point Dryer that works "with you and for you". Smooth process operation and precise control insuring reproducible results distinguish the Fully Automatic **Autosamdri®-815, Series A**.

Autosamdri®-815, Series A

(THE FULLY AUTOMATIC CRITICAL POINT DRYER)
Catalog # 8779B



FEATURES

- Automatic CPD processing via microprocessor controller delivers smooth processing and reproducible results.*
- LEDs signal every process mode of operation at a glance.
- Excellent choice for multi-user sites.
- Precise flow control via Micro Metering valves.
- Vernier handles on metering valves enable reproducible flow settings.
- EZ top loading process chamber.
- Under-lit chamber with view port enables visualization of chamber status.
- Internal 0.5µm particulate filtration* protect samples and valves.
- Internal surfaces inert to LCO₂ and ultra-pure alcohols.
- Tough, solvent resistant cabinet.
- Automatic critical point temperature - pressure regulation for system safety.
- Fast adiabatic chamber cooling* with CO₂ (<1 minute @ room temperature).
- All electronic and other components meet UL, CE and/or U.S. Military Specifications.
- Optional SOTER™ Condenser* may be attached to capture waste alcohol and eliminate PURGE exhaust noise.



SPECIFICATIONS

- Cabinet Size: 14"(W)x 10.25"(H) x 21.50"(L)
35.6cm(W) x 26.0cm(H) x 54.6cm (L)
- System Set-Up Area Requirement: 20"(W) x 30"(D)
51cm(W) x 76cm(D)
- Process Chamber size: 1.25" I.D. x 1.25" Depth
- Temperature gauge range: -30°C to 60°C, Pressure gauge range: 0 to 2,000 psi.
- 120V / 50-60Hz (Other voltage units also available - Please inquire).

STANDARD ACCESSORIES

- Flexible High-Pressure braided stainless steel inert Teflon® lined LCO₂ Supply Hose, 5ft (approximate 1.5m) long.
- External LCO₂ filtration system (#8784) removes water/oil and particulates down to 0.5µm. Filter Housing (#8784) is conveniently pre-installed onto your LCO₂ High Pressure Hose.
- Static free exhaust tubing for the PURGE/VENT/BLEED and COOL exhaust outlets.
- Flow Meter supplied allows precise periodic 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.

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