tousimis

NEW !

TOUCH SCREEN SERIES C

AWARD WINNING SOFTWARE + ADVANCED HARDWARE DESIGN

- TOUSIMIS HAS NOW INTEGRATED OUR AWARD WINNNG AUTOSAMDRI®-931 SOFTWARE TECHNOLOGY WITH THE NEW SERIES C LINE HARDWARE TO FURTHER ENHANCE THE SERIES C
- THE TOUSIMIS 'SERIES C' LINE HAS LED THE WAY IN RELIABILITY, YIELD, AND EFFICIENCY FOR OVER 15 YEARS IN BOTH INDUSTRIAL AND RESEARCH FACILITIES WORLDWIDE

PROGRAMMABLE SERIES C SYSTEMS FOR 4", 6" AND 8" WAFERS

A DEDICATED SLOW FILL LINE ALLOWS FOR IDEAL INTERNAL CHAMBER FLUID DYNAMICS FOR THE MOST SENSITIVE DEVICES • THERMOSTATICALLY CONTROLLED INTERNAL CONDENSER • TEMPERATURE CONTROLLED VALVING • STAINLESS STEEL TUBING WITH AN INTERNAL FILTRATION SYSTEM DOWN TO 0.08 µM TO PROTECT SAMPLES AND SYSTEM FUNCTION • NON MECHANICAL STIRRING CHAMBER ALLOWING FOR FLUID DYNAMIC EXCHANGE WITHOUT THE NEED FOR PARTICLE GENERATING FRICTION CAUSING DEVICES • CHAMBER FLEXIBILITY WITH INSERTS AND HOLDERS ALLOWING FOR PROCESSING PROCESSING UP TO 8" WAFERS, PIECES AND DIE

MADE IN U.S.A.

... LEADING THE WAY IN CPD INNOVATION & QUALITY ...

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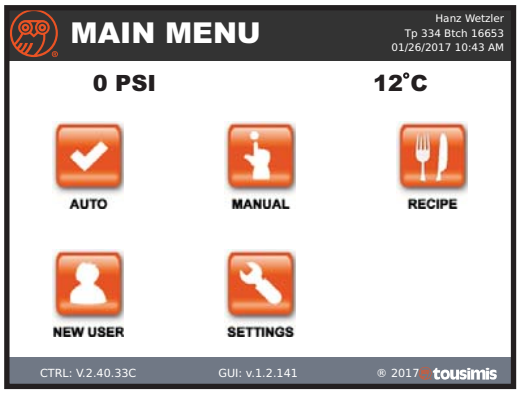
SUPERCRITICAL Touch Screen Series C

Various Chamber sizes Available for up to 8 inch Wafers

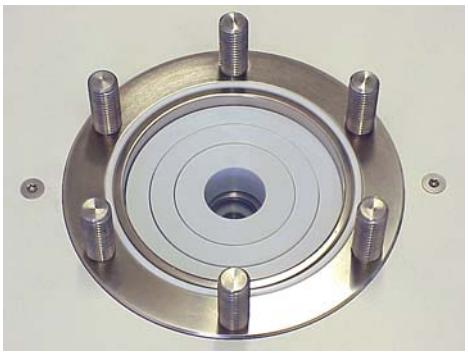
4" - Automegasamdri®-934, Series C
6" - Automegasamdri®-936, Series C
8" - Automegasamdri®-938, Series C



Touch Screen Main Menu

FEATURES

- Bright LCD Touch Screen Control
- Use Factory Default Automatic Settings or Create Custom Recipes
- Optional "Stasis Software" (Patent Pending) for versatile sample types
- Process up to 5 wafers per process run with each system
- HF Compatible Wafer Holders and 10mm square holder included with each system
- Tousimis® HF compatible Wafer Holders* may be used to etch and process your wafers minimizing handling
- Unique chamber inserts* easily reduce chamber ID decreasing LCO_2 consumption
- High efficiency internal closed loop refrigeration integration*
- "Vortex Swirl" non-mechanical purge stirring (Patent Pending) eliminates moving parts for easy maintenance
- Repeatable operating parameters insuring "reproducibility" of results
- Static pressure control module helps insure automatic safe pressure stability
- Internal filtration system delivers clean LCO_2 into process chamber down to 0.08µm
- New 'Slow Fill' Control for the most delicate Sample Types
- LCO_2 flow is controlled through Micro Metering Valves with Vernier handles for precise flow control and easy position setting readjustment
- Chamber illumination with view port facilitates chamber status visualization*
- All internal surfaces are inert to CO_2, Acetone and Ultrapure Alcohols
- Cleanroom static-free compatible design
- External mounted Post Purge Filter Assembly for EZ preventive maintenance maintenance*
- The patented internal SOTER™ Condenser* quietly captures and separates CO_2 exhaust and waste alcohols
- All electronic components meet CE, UL and/or U.S. Military Specifications



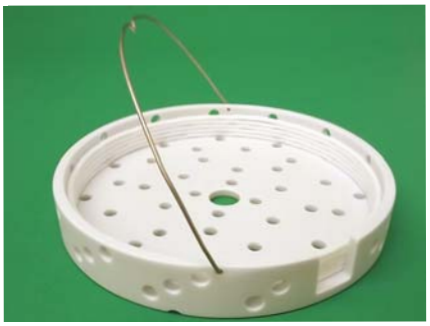
4" Process Chamber with Chamber Inserts

SPECIFICATIONS

- Cabinet: 19.8" (50.3cm) Width x 31.7" (80.6cm) Depth x 44.5" (113.0cm) Height
- System Set-Up Area Footprint: 27" (68.6cm) Width x 38" (96.5cm) Depth x 44.5" (113cm) Height
- 120V or 220V / 50-60Hz systems available

STANDARD ACCESSORIES

- LCO_2 High Pressure braided stainless steel inert Teflon® lined hose. 10ft (3m) long for clean room operation (Other lengths available upon request)
- Double T-Filter Assembly (Cat. #8785) pre-installed onto the LCO_2 supply High Pressure hose. Flows LCO_2 twice thru 0.5 µm filters with 99.5% particulate retention prior to LCO_2 entering Automegasamdri®
- Tool set included for connecting LCO_2 chamber supply line
- Static free exhaust tubing provided for all exhaust outlets
- Spare chamber O-ring (3), chamber lamps (2), and slo-blow fuses (2x3A and 2x8A)
- Chamber inserts* enable chamber ID reduction down to 1.25" ID Chamber Size
- HF Compatible Wafer Holder Set included with each system
- 2 year warranty on all parts and labor
- Free lifetime technical support



HF Compatible Wafer Holder

[1] Compared with tousimis Autosamdri®-931, Series B
[2] Available for most countries. Contact tousimis for details
* Most Autosamdri® feature U.S. patents (# 6,493,964, #6,678,968) or patents pending

Note: *Actual delivered model or accessories may vary slightly, as advancements are being constantly applied*

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