



Next Generation Double-Sided Wafer Cleaning

DSS **200**



entrepix
AN AMTECH COMPANY

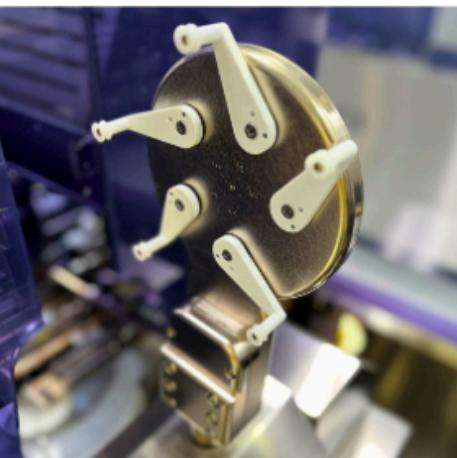


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DSS 200 Wafer Cleaning System

The Entrepix DSS-200 sets the standard for 200mm wafer cleaning. Now the industry's best cleaning process is state-of-the-art with a new control system and reengineered wafer handling to eliminate wafer breakage, even for the thinnest, most fragile substrates.

- Modern Windows™-based control system
- Advanced **Precision Touch Technology** wafer handling for ultra-thin & fragile substrates
- Process development and custom chemistry expertise from Entrepix foundry team



Applications Include:

- Post-CMP clean
- Pre-bond clean
- Pre-photo clean
- Advanced packaging
- Post-metal deposition
- Post-ILD deposition
- Post-scribe
- Substrate manufacturing

DSS 200



Standard Features:

- 100 - 200mm wafer size
- Brush scrub cleaning method
- Roller PVA brush type
- Downforce control
- Spin + heat lamp drying method
- NH₄OH compatibility
- Backside chemical
- Metal CMP cleans
- STI CMP cleans
- Pre-diluted SC-1
- Citric-based SC-2

Optional Features :

- Megasonic nozzle
- High-pressure DI water spray
- Heated DI water feed
- Edge scrub
- Synergy package for chemical containment
 - Double contained process area
 - Expanded chemical compatibility including: dilute HF, HCL, SC-2 and others
- Integra configuration for direct integration into dry-in/dry-out CMP tools
- Alternate wafer sizes and geometries including square and rectangular

YOUR EXPERTS IN CMP & WAFER CLEANING

The Next Generation of Double-Sided Wafer Scrubbing



The new Entrepix enTrak control system substantially improves tool reliability, avoids downtime due to obsolescence and streamlines set-up and user access.

- Modern Windows™-based system
- Robust wafer recovery feature
- Enhanced traceability with event logging
- Advanced security with Role-Based Access Control (RBAC)
- Configurable alarm messaging
- Robot teach screen implementation for fast set-up time
- Easy upgrade process



Comprehensive Parts Support & Upgrades:

The latest Entrepix DSS-200 features now available for Lam OnTrak Series 2 Classic, CE, Synergy, and Integra platforms:

- Control system and software upgrade*
- Hastelloy spin carriage
- High efficiency heat lamp
- Megasonic cleaning
- DI water conservation
- Through-the-brush delivery
- Inline mix dilution

*Available only for CE and Synergy models



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Learn more about DSS-200 wafer cleaners:

