

Cluster Tool CT-100

Reinraumtechnik Lanz's Cluster tool CT-100 is a modular Coater and/or Developer unit with one or two variable tracks.

Description

This is a compact plant which can be configured to customer's needs.

Completely closed design with monitored transparent sliding doors ensures extra security.

The substrates are transported fully automatic by the handling system.

The system is configured for up to 150mm substrates – other sizes upon request.



Features and Benefits

- Spinner module up to 8.000 rpm
- Programmable dispense arm for max. 8 medias
- Stack design for Hot plates and HMDS modules
- Wafer edge holding for transport, spinner and hot plate
- Back-side-rinse, Top-side-rinse
- Programmable spinner exhaust
- Programmable opening and closing of the chamber cover
- Various resist pumps available
- Modules with vacuum contact or proximity balls
- Hot plate module max. 200°C, higher temperatures up on request
- HMDS low pressure process (bubbler)
- Password-protected service and edit functions
- Communication from PC to PLC via OPC-Server®
- Adjustable N2 flow for hot plates
- Water cooled Cool plate
- Media can be located in a separate cabinet
- Emergency switch
- Light tower for system status
- Space-saving slight door
- 12 months warranty
- CE marking

For more details, please contact Reinraumtechnik Lanz – Germany at info@rrt-lanz.com

Subject to change without prior notice.

Facility Requirements

Power:	380 V / 50Hz / 16A
Compressed air:	6 bar
Nitrogen:	2 bar
Vacuum:	< - 0,8 bar

Dimensions

- Depending on configuration – various configurations possible

Options

- Barcode reader (Laser)
- Dispense cartridge system
- Set up for use in combination with exposure system
- Closed spin chamber
- Different interfaces available
- Centering on the fly
- Wafer turn over possibility for double-side coating, free programmable in process flow
- Online maintenance via modem or VPN
- Maintenance / Service manual printed on cleanroom paper

Sample for variation:



Cluster Tool CT-150