

自動真空烤箱

c sun

Vacuum Auto Oven

VO-A12-2DC



- Comply with SEMI S2 certification
- High class level for clean-room
- Fast thermal control capability
- Excellent thermal uniformity
- Fast pump/slow pump switch design for high pumping rate
- SECS/GEM
- CIM system

Leading in Thermal and UV Light Processing Equipment



VO-A12-2DC

Wafer handling	Handling : 300 & 301mm Thickness : 600~1500um (max.) Warpage : +/- 450um Weight : 230~250 g
LoadPort	12" FOUPs LoadPort : 4 sets Mapping 、RFID SEMI standard compliance : E15.1-0600 、E57-0600 、E62-0302A 、 E63-0600 、E64-0600 Applicable FOUPs : 300mm FOUPs (using 25 wafers) SEMI E47.1/E62 compliant
Transfer robot (dual arm)	Double arm 1 slots / arm Maximum portable mass : 2.5kg X axis : 1650mm/ axis : 700mm End-effector : ceramic Wafer placement detection : vacuum pressure sensor
Cassette (oven)	Material : Aluminium Surface treatment : F-base coating for preventing scratches on wafer Capacity : 50 pcs (12" wafer) / chamber Pitch : 12mm
Oven performance	Temperature (normal) : 100°C & 200°C Temperature (max.) : 300°C Temperature U% : ±5°C Heating rate : RT → 200°C (≤2 hrs) Cooling rate : 200°C → 80°C (≤1 hrs)
Vacuum	Vacuum rate : 760~20 × 10E-3 Torr (≤60sec) Leak rate 10min<50mTorr (@200°C)
Particle environment	1um ≤ 80 ea or class100
Dry-pump	HANBELL PS-902A SEMI S2 & S10
Equipment size/ weight	3,200mm(L) × 2,600mm(W) × 2,500mm(H) / 6,500kg
Utility requirements	Power : AC220V ; 3φ 60Hz CDA : >5 kg/ cm2 ; 100+100L/min N2 : >5 kg/ cm2 ; 200L/min PCW : 18 ~ 22°C ; >5kg/ cm ² ; 30L/min Vacuum : -600mm-Hg ; 90L/min Vacuum : -560mm-Hg ; 40L/min
Temperature control	PID control + S.C.R. driving
Monitor type	PC base

Due to C SUN continuing efforts to improve their systems, these specifications are subject to change without notice.
受長期研發需要，本公司保有規格修改之權利，恕不另行通知

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