

NAVSON
TECHNOLOGIES
Research meets industry

Spin Coater NT12000



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Research meets industry

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CHARACTERISTICS	RANGE/VALUE	TOLERANCE
SPEED	100-12000 RPM	\pm 50 RPM
ACCELERATION *	8000 RPM/S	-
MIN INCREMENT	1 RPM	-
DWELL TIME	0-1000 Seconds	\pm 0.05 s

* Size and weight of the substrate will affect acceleration values

HIGHLY DAMPED VIBRATIONS

Operational vibrations don't pass on to the chuck thus ensuring stability and uniformity of the coating even on nano-scale

QUICK RESPONSE

Multiple processors keep the data input and computing independent so as to provide maximum computational ability and quick response

STANDARD

Accommodates standard substrate sizes
- Cover slip, Microscopic glass slide,
2 inch silicon wafer

CUSTOMIZED*

Accommodates customized shapes and sizes

4 INCH**

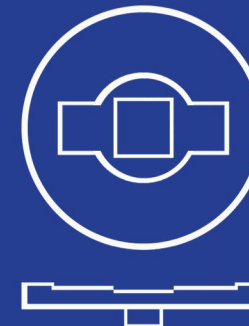
Accommodates 4 inch silicon wafer

Push fit chucks for easy replacement

* The dimensions of the customized substrate should be within 85mm diameter

** To be purchased separately

NT 12000



DIMENSION (LxBxH)	225 X 235 X 270 (mm)
WEIGHT	10.3 Kgs
CHAMBER SIZE	150 (mm) diameter
POWER INPUT	115/230 VAC, 50 Hz
HOUSING MATERIAL	Sheet Metal

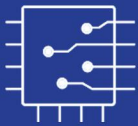
SYSTEM AND INTERFACE



Programmable upto 10 steps

Real time program feedback (RPM, Time)

User friendly interface



Multiple Processors to ensure perfect instruction flow

STORAGE



USB port facility

Stores data internally or externally

CALIBRATION AND SAFETY



Spirit Level to check planarity

Teflon coated chamber for inertness

Leak Proof sealing