

NovaSelect Series Selective Soldering System



Model NS-13S Shown

- Prototyping
- Product Development
- Short Run, High-Mix Applications
- Made in the USA

- System includes: Spray Fluxer, Bottom-side Preheat & Lead/Lead Free Solder Pot with Nozzle.
- Through-hole soldering flexibility - single point, drag, mini-wave, or dip soldering

System Features

- Easy to use Windows based operating software
- Programming with Gerber Import
- Windows Laptop Included
- Topside Pre-Heat Option
- Witness Camera Option
- Wide nozzle assortment
- Nitrogen Ready (Nitrogen supplied by customer)
- Ease of Operation, small footprint, & durable construction.



Flux, Preheat & Solder - One System

PRODUCT SPECIFICATIONS:

System Dimensions:	30" D x 41"W X 23" H
Maximum Board Size:	330mm x 330mm (13" x 13")
Bottomside Preheater (standard)	100% IR Preheat
Minimum Neighbor Component Clearance	1.5 - 3mm (0.06" - 0.12") depending on nozzle size
Solder Capacity	Approximately 15 lbs.
Flux System	Micro Spray
Approximate Warm-up Time	30 minutes
Power	220 VAC, 1Ø, 30A

Maximum Temperature	320°C (608°F)
Pressure (Nitrogen)	2 bar (30 psi)
Air Pressure	5.5 bar (80 psi)
Z-height clearance: (board topside)	114 mm (4.5")
Z-height clearance: (board underside)	38 mm (1.5")
Consumption (Nitrogen)	0.8 - 1.7 CFM (23-49 liters/min) dependent on nozzle
Machine Operating System	Windows based
Machine Weight	220 lbs.

OPTIONS

- Nitrogen Generator System
- Witness Camera Option
- Topside Pre-heat Option
- Custom Nozzles
- Custom Board Pallets
- Optional Stand



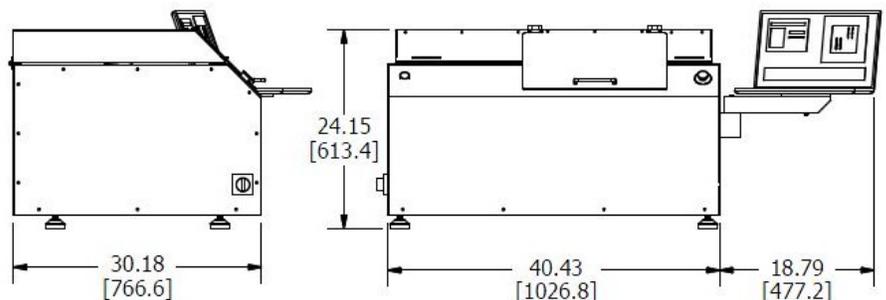
Precise, Accurate, and Reliable



Easy Load and Unload



Optional Stand for NovaSelect



Floor Plan for the NS-13S Model

Leasing Options Available...

For more information, phone us at 1-215-485-5663 or email us at sales@ddmnovastar.com