

ESS Selective Soldering Machine



Brand: DDM Novastar
Product Code: 013803049541
Availability: In Stock
Weight: 0.00kg
Dimensions: 0.00mm x 0.00mm x 0.00mm

Short Description

The ESS Selective Soldering Machines offer a new entry point in cost-effective, easy-to-operate, automatic batch selective soldering.

NEW PRODUCT

Description

If you are considering automating your selective soldering process, then you need to consider the ESS Selective Soldering Machines. The cost of entry into automated, batch, selective soldering has never been easier with the ESS Selective Soldering Machines.

Designed for short run, mixed technology applications, the ESS310 & ESS500 Selective Soldering Machines will provide the throughput, accuracy, and reliability you are looking for to improve the productivity of your selective soldering process.

- All-inclusive system - Flux, Preheat, Solder
- Through-hole soldering flexibility - single point, drag, mini-wave, or dip soldering
- Reproducible, "zero defect" solder joints
- On-board, touch screen interface for easy instrument set-up, programming, and parameter control
- Save machine setup time and increase productivity with off-line programming with photo-scan and Gerber software
- Flexibility with wettable and specialty nozzles

Specification

Selective Solder	
Air Pressure	5.5 bar (80 psi)
Consumption (Nitrogen)	0.8 - 1.7 CFM (23 - 49 litres/min) - dependent on nozzle and nozzle shroud
Flux System	Spray
Max Board Size	ESS310: 310 mm x 310 mm (12" x 12"), ESS500: 500 mm x 500 mm (19.7" x 19.7")
Max Temperature	400°C (725°F)
Min. Neighbor Component Clearance	1.5 mm - 3 mm (0.06" - 0.12") depending on nozzle size
Preheater	100% IR preheat
Pressure (Nitrogen)	2 bar (30 psi)
Solder Capacity	Approx. 15 kg (33 lbs)
Solder Pot and Pump	Lead-free, Single
Warm up Time	Approx. 45 minutes