

EWS-310 Wave Soldering Machine

Your Economic Solution for:

- Prototyping**
- Product Development**
- Short Run, High-Mix**
- Manufacturing Applications**



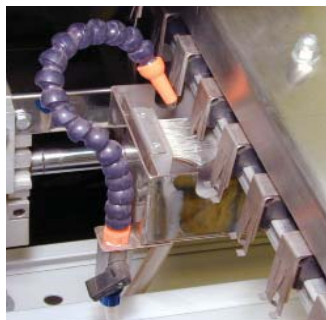
- Quickly load and unload PCBs with finger conveyor
- Continuously adjustable PCB width from 1 to 12 inches
- User friendly touch screen LCD for programming and parameter adjustment
- Streamline design for Easy Maintenance and Cleaning

System Features

- Finger conveyor for pallet-less operation
- Visibility throughout entire process with clear viewing, tempered, safety glass hoods
- Onload and offload conveyor extensions
- Durable, rugged welded steel frame construction
- Fully dry wave, no oil intermix required
- Stainless steel solder pump impellers with external ball bearings
- Laminar wave for through hole component soldering
- Motorized conveyor width adjustment
- Fluxer and air knife pressure regulators
- Solder level sensor alarm
- Solder drain with stainless steel valve
- On-board profiler
- Lead-free solder capable



Turbulent wave for SMD and laminar wave for through-hole soldering.



Recirculating finger cleaner option with spray spout and brushes



Solder level sensor with alarm

PRODUCT SPECIFICATIONS:

PCB Width	30 to 300mm (1 to 12")
Board Handling	Fingers
Maximum Wave Height	0 to 10mm (0 to 3/8")
Solder Pot Capacity	90kgs (200 lbs.)
Max. Solder Pot Temperature	300°C (572°F)
Lead-free Solder Pot Temperature	350°C (662°F)
Quick Change Lead to Lead-free Solder System	Yes
Approximate Warm-up Time	60 minutes
Max. Conveyer Speed	2.5 m/min (98.4"/min)
Soldering Angle	6 degrees
Foam Fluxer Tank	3 liters (0.8 gal.)
Compressed Air	Max 30 psi on system with air knife

Max. Preheat Temperature 1	150°C (302°F)
Preheat 1 Power	4.8 kW
Max. Preheat Temperature 2	200°C (392°F)
Preheat 2 Power	2.0kW
Preheat Length	870mm (34.25")
Preheat Method	IR + Convection
Solder Pot Power Capacity	3.6 kW
Machine Operating System	Color graphic LCD with touch screen
Power	220V, 3 phase, 60Hz
Power Consumption	11 kW
Warranty	2 years
Machine Dimensions	2500 x 1100 x 1550mm (98.43" x 43.31" x 61.02")

Options

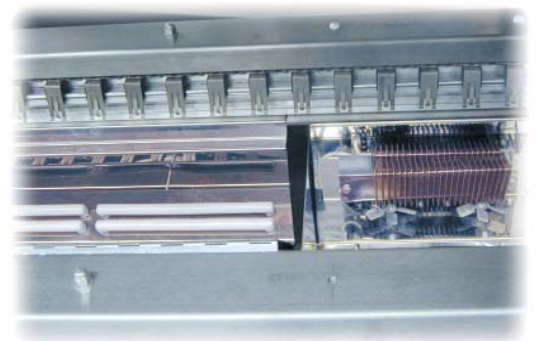
- Optional turbulent wave for SMD applications
- Optional quick change lead-free/ lead solder pot trolley system
- Finger Cleaner
- Spray fluxer
- Nitrogen inerting with GasMizer™ feature
- PC interface Windows® software option



Motorized roll-out pot provides easy access.



Finger conveyor with "L" finger for pallet or pallet-less operation.



Independently controlled infrared and forced air convection preheaters compatible with VOC-free fluxes.

Leasing Options Available...

For more information, phone us at +1-215-938-1000 or email us at info@apsgold.com



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