



WSM 310 F

Finger Based Wave Soldering Machine

Cost-effective solutions for electronic industry

Your Economic Solution

- Short Run, High-Mix
- Manufacturing Applications
- Prototyping
- Product Development
- User friendly touch screen LCD for programming and parameter adjustment
- Streamline design for Easy Maintenance and Cleaning
- On board real time profiling of the solder process

System Features

- Finger conveyor for pallet-less operation
- Visibility throughout entire process with clear viewing.
- On load and off load conveyor extensions
- Durable, rugged welded steel frame construction
- Status light tower
- 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 / solder pot rollout
- Fluxer and air knife pressure regulators
- Solder level sensor alarm
- Solder drain with stainless steel valve
- Lead-free solder capable

Options

- Optional lead free
- Optional quick change lead-free / lead solder pot trolley system
- Nitrogen inerting Titanium Pot
- Spray fluxer
- Pallet Conveyor

Specifications	WSM 310 F
PCB Width	30 to 300 mm (1 to 12")
Board Handling	Fingers
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	2.0 kW
Preheat Length	870mm (34.25")
Preheat Method	IR + Convection
Maximum Wave Height	0 to 10 mm / (0 to 3/8")
Solder Pot Power	3.6 kW for single wave 5.2 kW for double wave
Solder Pot Capacity	90kgs (200 lbs) for single wave 170 kgs (375 lbs) for double wave
Max. Solder Pot Temperature	300°C (572°F)
Lead-free Solder Pot Temperature	350°C (662°F)
Approximate Warm-up Time	60 minutes
Max. Conveyor Speed	0.5 to 2.5 m / min / (98.4" / min)
Foam Fluxer Tank	3 liters (0.8 gal.)
Power	410V, 3 phase, 50 / 60Hz
Compressed Air	Max 30 psi on system with air knife
Machine Dimensions	2500 x 1100 x 1550 mm (98.43" x 43.31" x 61.02")



eps worldwide pvt. ltd.

S. No. 145, Garmal, Dhayari, Pune : 411041, INDIA

Tel.: +91-20-24394527 / 24392715 / 24102200

Email : admin@eps-ww.com Web : www.eps-ww.com