



PEAK 350 Wavesoldering Machine – Optimum Soldering Quality

The Peak 350 wave soldering machine is for medium to large series. Equipped with a finger conveyor which can be configured to your requirements as needed, we guarantee vibration-free transport of pallets or printed circuit boards. The spray fluxer is modularly designed, can be easily cleaned and has level control, collecting tray and flow rate control. The convection preheater is specially designed for use with water-based fluxes and guarantees maximum performance in the lead-free environment. The titanium or casting bath allows the use of all lead-free solders. The bath heaters guarantee efficient and constant heating of the solder bath. The arrangement of the soldering waves corresponds to the state of the art in lead-free technology; they can also be automatically or manually adjusted for height. The cooler at the wave exit further improves the quality and handling of the soldered product. The controller is a Siemens standard component, The operating platform is a Windows 2000 based PC and has options for bar-coding or binary coding. Zen Production Equipment Ltd have years of experience in the supply and service of Automatic Soldering and process control systems and will provide the appropriate advice to ensure a trouble free installation and professional after sales support.

PEAK 350

Wave soldering machine



Model	Peak 350
Transport motor	220V 90W
Transport speed	0,5-1,8 m/min
Transport finger	Synthetic resin
Printed circuit board size	50-350 (B), 120 (H)
Compressed air connection	3-5 bar, consumption appr. 18L
Spray fluxer	Step motor
Preheater length	1,8 m, in 3 Segments
Solder bath heater	9x 1500W
Solder bath capacity	ca. 500kg, depending on solder
Solder angle	adjustable 4-6°
Dimensions	3600(L) x 1400(B) x 1500(H)
Total connected load	approx. 40 kW
Voltage	3x380V-50Hz
Controller	PC Windows 2K
Net weight	approx. 1500kg



Finger transport system with direct link for PCB handover



Network capable Windows operating system



Modular Siemens controller with IEC 60'204 cabling



Manual wide adjustment with digital display



Spray fluxer with modular design



- 01 LCD display
- 02 PCB infeed
- 03 Flux behälter
- 04 Extractor ventilator
- 05 Spray fluxer
- 06 Preheater
- 07 Double wave solder bath
- 08 Solder bath lift mechanism
- 09 Discharge cooling system
- 10 Angle adjustment
- 11 Finger cleaning system
- 12 Transport system



Convection preheater



Bath components plugged in -> for fast



Double wave with autom. gross disposal



Motorised bath removal (Option)



Discharge cooling (Option)