

Wave Soldering System



ATF 33

Lead-free ready



System:

- Lead-free ready solder pot, with removable flow ducts
- Stainless steel foam fluxer
- 2 IR-preheat zones, with Ceran glass cover
- Dual wave, with direct driven solder pumps
- Wave intermittent operation
- Belt-driven pallet conveyor
- Microprocessor controlled
- Solder pot roll-out unit
- Meets VDE safety regulations

Options:

- Pumpless spray fluxer
- PCB Auto-Detect system
- Integrated filter above spray fluxer
- Convection preheater
- Tunnel above preheater
- Automatic solder bar feeder
- Nitrogen inerting
- Cooling fans at machine unload end
- Pin code reader
- Interchangeable solder pot
- PC-software
- PC-version
- Assembly conveyor systems

Description Wave Soldering System ATF 33



System

- Sturdy steel base frame
- All modules constructed for easy maintenance

- Rigid hoods include antistatic safety glass allow full monitoring of working process
- 2 exhaust ducts, 1 over the flux area, the other over the solder area



Fluxer module

- Foam fluxer fitted as standard
- Whole unit is adjustable in height
- Air regulator pressure gauge and flow control valve

- Spray fluxer with Auto-Detect (recognizes size and position of pcb)
- Dual-head spray fluxer
- Programmable flux quantity



Preheat module

- High efficiency IR preheater
- Fine adjustment of temperature
- Ceran glass cover for easy cleaning

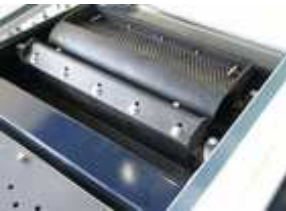
- All values shown at digital display
- Convection



Solder pot ready for Lead-free

- Combination of ceramic coating (solder pot, flow ducts and pumps) and chemical-thermal treatment of nozzles.
- Quick-lock solder pumps
- Direct driven pumps (24V DC motors)

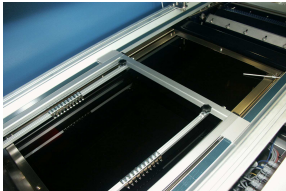
- Solder temperature shown at digital display
- Solder pot roll-out as standard
- Interchangeable solder pot



Solder wave

- Special designed flow ducts to reduce dross formation
- Separate Microprocessor controlled wave heights

- Dual wave as standard (Lambda and chip nozzle)
- Wave intermittent operation



Conveyor

- Belt driven conveyor
- 24V DC drive motor
- Conveyor speed 0 – 2 m/min.

- 2 PCB carriers included
- Horizontal input and output section
- Adjustable conveyor angle 5-9°



Controller

- Microprocessor controller (with a 2-line display)
- User friendly operation, multi lingual
- Solder pot on/off timer
- Memory of 99 recipes

- Pin Code reader
- PC-software



PC-option

- For profile management
- For process documentation the relevant data are recorded, with password protection
- Incl. LAN network connection
- Incl. flat screen monitor

- standard
- optional

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