



Equipped with the minimum number of units required for a standard lead-free machine. Adjustable detach angle and flow speed at the “peel-back point.”

1

Improved Countermeasures against Erosion by Lead-free Solder

Ceramic treatment is used inside of the solder bath, and the bath is made of a special casting in order to develop thermal resistance and the corrosion resistance. The surface treatment of the nozzle and the duct imparts corrosion resistance. The heater is external.



2

Cutting the Required Solder Amount Reduces Costs

About 33% less solder is required than for our other models, so you can reduce the initial cost and solder interchange cost significantly.

3

Improved Maintainability

Impeller parts are detachable (one-touch operation has been developed). Now you can reduce the time required for maintenance, and increase the maintenance frequency in order to keep the best machine condition.

4

Reduced Running Cost

The improvement of the nozzle, the duct and the liquid level lowering controller has contributed to reducing oxide dross (target value is 2.5kg/800). You can reduce the running cost significantly.

5

Improved Quality of Soldering and Through-hole Up

The nozzle interval between the first wave and the second wave has been minimized (20mm), and the temperature drop has been restrained as much as possible. The outside peel-back point adjustment unit (optional unit, patent pending) enables shaping the best wave profile of the lead-free solder without stopping the flow.



Standard Equipment

- Main Conveyor ● Pre-heater ● Solder Bath
- Solder Bath Roll-out Unit (Manual) ● Cooling Fan (Blower)
- Inlet Feeder (Chain Conveyor) ● Outlet Feeder (Chain Conveyor)
- Finger Cleaner ● Main Control Unit ● Emergency Stop Switch
- Solder Bath Upper Position Panel Lamp

Options

- Outside Peel-back Point Adjustment Unit
- Warp-prevention Unit (in Solder Bath and Pre-heater)
- PCB Cooling Unit ● Dross Separation Unit ● Auto Solder Supply Unit
- Pre-heater Extender ● Temperature Controller for Pre-heater 2
- Intermittent Flow Controller ● Foaming Fluxer Unit (Flux Controller)
- UPS ● Auto Fire Extinguisher ● Duct Shutter ● Pass Line Changer
- Signal Tower ● Unit for Different Voltage
- Hot Air Combination Use Pre-heating Unit