



AIR REFLOW

TRA-f SERIES

Why should you use TSM's reflow?

- System configuration with outstanding durability
- Reliable quality
- Energy saving insulation structure
- Blower motor with triple sealing
- Reliable follow-up management

The TRA series reflows are an innovative design that ensures efficient flux discharge as well as highly efficient thermal management

As an output for the achievement of highest performance and economy, the TRA series will satisfy both the economic efficiency and practicality of your business.

● TSM, which performs technical development continuously, realized ultra-low power consumption for the reduction of CO₂ emissions in order to realize the economy, the keyword of the TRA series reflows.

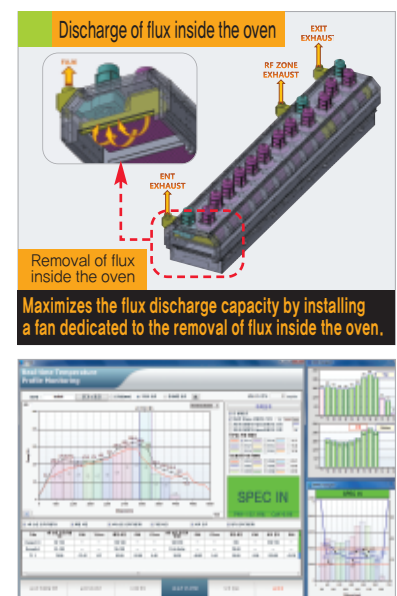
The partial start-up which performs the multi-stage control of heaters reduces the contracted receiving power and basic power cost by minimizing the start-up power. It also increases production efficiency by utilizing the weekly timer function which allows reservation of machine operation date and time.

In addition, in order to respond to the placement characteristics of various boards, heating efficiency is maximized by multiplying the heating zones and applying a new nozzle structure with improved air flow resistance. It also realizes the best quality by applying an advanced ultra-uniform temperature control system to realize the lowest temperature deviation.

The TRA series reflows ensures efficient production of products by applying uniform heating from above and below as well as variable heating from above and below separately.

The MMI screen configured for user convenience provides a temperature monitoring function, an alarm for operation and maintenance, a temperature calibration gage, and a help function for program operation, thereby maximizing user convenience for access and reading.

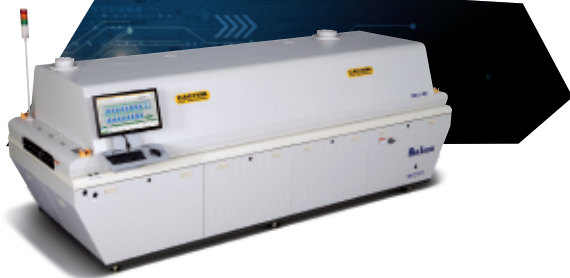
The RTPM (op), a real time temperature profile monitoring system, provides a variety of information as well as the process index and chart data for the analysis of compatibility and process capability.



RTPM / Option

The real time temperature profile system, RTPM, which has evolved one step further provides a variety of information as well as a process index and chart data for the analysis of compatibility and process capability.

AIR REFLOW TRA-SERIES

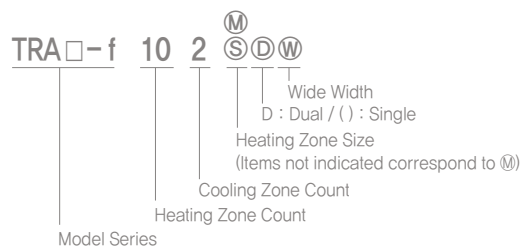


Specifications

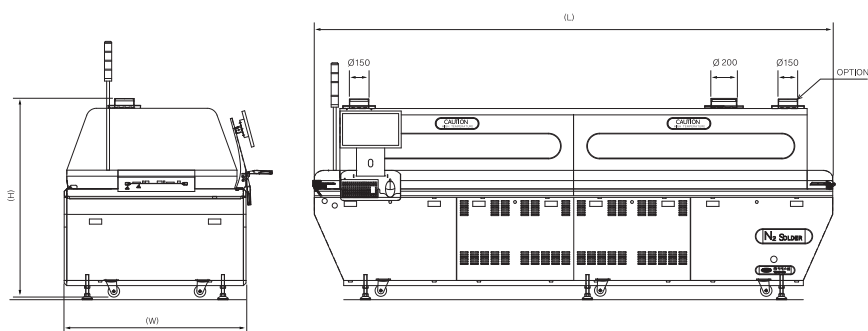
Model Name	TRA - f71		TRA - f82s		TRA - f82		TRA - f92		TRA - f102s		TRA - f103		TRA - f123	
Voltage in use	220V	380V	220V	380V	220V	380V	220V	380V	220V	380V	220V	380V	220V	380V
Current in use	81A	47A	89A	52A	89A	52A	96A	54A	99A	58A	99A	58A	113A	65A
Apparent Power	31kW		34kW		34kW		36kW		38kW		38kW		43kW	
Average Power	Approx : 10~12kW													
Demansion(L×W×H)	3,300×1,420×1,550		3,590×1,420×1,550		4,050×1,420×1,550		4,670×1,420×1,550		4,360×1,420×1,550		4,990×1,420×1,550		5,600×1,420×1,550	
Weight(kg)	1,200kg		1,630kg		1,640kg		1,680kg		1,700kg		1,800kg		2,350kg	
Number of Heating Zones(ea)	7		8		8		9		10		10		12	
Number of Cooling Zones(ea)	1		2		2		2		2		3		3	
Cooling Method	Air Cooling													
PCB Transfer Speed(m/min)	0.3~1.6													
PCB Width(mm)	50~410													
Others	UPS / Mesh Belt or Anti-Warp Conveyor													

※ These specificationa may be changed without prior for quality improvement.

Model Numbering



Dimension



Contact for Business Services and Purchasing



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