



## Reflow Soldering System



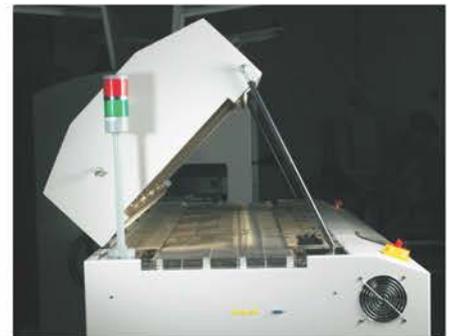
RF 300/ RF 500 Inline

Cost-effective solutions for electronic industry

## System Features

- Each heating zone is independently programmable and easily controlled through the on-board TOUCH SCREEN controller
- Reflow profiling capability with on-board programming and ability to add three (3) thermocouples for specific board locations
- Maximum flexibility in defining a reflow profile with conveyor speed, heating temperature, convection heat flow, and cooling fans all easily programmed through the system controller
- Plenum convection heating technology provides uniform temperature profiling across entire PCB board for enhanced SMT process control
- System's maximum temperature of 320°C is compatible with most lead and lead-free solder paste profiles
- Clamshell hood design with mechanical strut
- Low mass stainless steel conveyor for board transport
- Store up to 100 individual profiles
- Password protection
- ISO 9000 SPC fault monitoring reporting
- Real time graphic temperature
- Status light tower
- PCB edge pin conveyor available to replace wire mesh conveyor ( Optional)

Specifications	RF 500	RF 300
Max. PCB Width	330 mm (13")	250 mm (10")
Max. PCB Height	35 mm (1.375")	35 mm (1.375")
Heating Zones	5 top, 5 bottom	3 top, 3 bottom
Max Temperature	320°C (608°F)	320°C (608°F)
Heated Tunnel Length	1745 mm (69")	850 mm (34")
Convection	Plenum design	Plenum design
Conveyor	Mesh belt / Edge pin	Mesh belt
Conveyor Extensions	Optional (SMEA)	--
Exhaust	Three (3) 102 mm (4") dia. 250 CFM (425 mm <sup>3</sup> /hr)	Two (2) 102 mm (4") dia. 250 CFM (425 mm <sup>3</sup> /hr)
Cooling Station(s)	One (1)	One (1)
Cooling Zone Fans	Two (2)	One (1)
Nitrogen Option	Optional	Optional
PC Interface	Included : RS232	Included : RS232
Heater (Peak) Power	14.5 kw	5.5 kw
Power Requirements	410 VAC, 50/60 Hz, 3 phase	410 VAC, 50/60 Hz, 3 phase
Length	2500 mm (98")	1400 mm (55")
Width	945 mm (37 ")	755 mm (30")
Height	1255 mm (49.5")	450 mm (17.8")



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