

## wave soldering system specifications

Specifications	kk-350	NSM-450	Remarks
Dimension( L×W×H mm)	4430X1620X1710	4430X1620X1710	
Weight	approx.2000Kg	Approx:2300kg	
Power Supply	3P5W,380V/220V 50/60HZ 63A	3P5W,380V/220V 50/60HZ 63A	
Startup Power	22.5kw	26kw	
Operating Power Consumption	approx.14kw	approx.14kw	
Control System	touch Screen+PLC	IBM PC+PLC	
<b>Spray System</b>			
spray work mode	Cylinder spray	Nozzle spray	
Spray pressure	0.25MPa~0.4MPa	0.25MPa~0.4MPa	
Flux flow arrange	10-100ml/min	10-100ml/min	
Autofill flux	S	S	
Exhaust	up-down exhaust	up-down exhaust	
Exhaust ducting diameter	Φ200mm	Φ200	
Exhaust capacity	25M <sup>3</sup> /min	25M <sup>3</sup> /min	
<b>Preheating System</b>			
Preheating mode	IR tube	Hot air/IR tube	option:IR tube
Preheating zone number	3	3	
Preheating lengthh(mm)	1800	1800	
Preheating temperature(°C)	room temperature~250	room temperature~250	
Warm-up time(min)	approx.15min (setting:150°C)	approx.15min (setting:150°C)	
Control mode	PID+SSR	PID+SSR	
Blower motor	N/A	S	
<b>Conveyor System</b>			
PCB width (L×W)(mm)	Min:80×60mm Max:400×350	Min:80×60 ; Max:500×450	
Conveyor speed (mm/min)	0-2000	0-2000	
Conveyor direction	L→R	L→R	option: R→L
Conveyor height(mm)	750±20	750±20	option:900±20
Available component height	top:120mm,bottom:15mm	top:120mm,bottom:15mm	
Conveyor speed control mode	inverter closed loop	inverter closed loop	
Finger	Dual chain and quick change	Dual chain and quick change	
Conveyor width control	manual	Motor	
Conveyor angle	4°~7°	4°~7°	
<b>Soldering System</b>			
Solder pot style	Mechanism	Mechanism/Electromagnetic	Option:Electromagnetic
Solder pot material	SUS316L	SUS316L/full titanium	Option: full titanium
Wave height adjust	inverter	inverter	
Heater power	380VAC 12KW	380VAC 12KW/10KW	
Solder pot temperature	300°C	300°C	
Solder pot capacity	in lead: 400kg,feedtree: 420kg	in lead: 600kg,feedtree: 560kg	
Wave drive power	1/2HPX2 3P220VAC	1/2HPX2 3P220V/2KW 220V	
Solder pot warm-up time	approx.240min(setting:250°C)	approx.240min(setting:250°C)	
Temperature control mode	PID+SSR	PID+SSR	
<b>Cooling System</b>			
cooling method	Forced air	Forced air/ air chiller	option:Air chiller
<b>Others</b>			
Finger cleaning system	brush	brush	In front and back
Return trip lifting	S	S	
<b>Option</b>			
Center support	O	O	
J-sonic Ultrasonic spray	N/A	O	
Top heating	N/A	O	
UPS protect	N/A	O	
Nitrogen device	N/A	O	
Feeder knife	O	O	