

The Juki Advantage

- JUKI has a long tradition of providing quality equipment and service
- With an extensive and knowledgeable service network in North and South America, service and support are not far away
- Best in the industry warranty – 3 year parts warranty
- Lifetime free software upgrades
- Lifetime free training at any JUKI location
- More standard features than any other oven available in the market

MODEL	RS600-II A/ RS600-II N2	RS800-II A/ RS800-II N2	RS1000-II A/ RS1000-II N2
GENERAL			
Standard color	Computer Grey	Computer Grey	Computer Grey
Dimensions (L*W*H) 460mm (460mm conveyor)	4225 x 1320 x 1490mm	5378 x 1320 x 1490mm	6160 x 1320 x 1490mm
Dimensions (L*W*H) 610mm (610mm conveyor)	4225 x 1550 x 1490mm	5378 x 1550 x 1490mm	6160 x 1550 x 1490mm
Weight (460mm conveyor)	1850Kg/1950Kg	2300Kg/2400Kg	2615Kg/2700Kg
Weight (610mm conveyor)	2650Kg/2750Kg	3100Kg/3200Kg	3415Kg/3500Kg
ELECTRICAL SUPPLY			
Incoming power (1)	480V 3 phase, 5 wire, 50/60Hz External transformer (included)		
HEATING ZONES			
Number of heating zones	6 top / 6 bottom	8 top / 8 bottom	10 top / 10 bottom
Heating method	Full convection		
Total heated length	2330mm	3110mm	3892mm
Temperature setting range STANDARD	Ambient to 300°		
Temperature setting range OPTIONAL	Ambient to 350° (in reflow zones)		
Warming time to production ready (2)	25 minutes	30 minutes	35 minutes
COOLING ZONES			
Number of cooling zones	1 top	2 top	2 top
Total cooling length	440mm	800mm	800mm
Cooling method Air	Forced air		
Cooling method N2 (3)	External water chiller/air circulation		
TRANSPORT SYSTEM (CONVEYOR)			
Conveyor height (4)	950mm +/- 20mm		
Conveyor width range	50mm to 460mm (610mm option)		
Conveyor adjustment method	Motorized		
Conveyor direction	Left to Right		
Conveyor speed range	300mm to 2000mm / minute		
Fixed rail	Front		
Pin and Chain conveyor	Yes		
Pin length (edge clearance)	4mm		
Wire mesh	Yes		
Top side clearance (5)	30mm		
Bottom side clearance	25mm		
NITROGEN SPECIFICATIONS			
Nitrogen consumption (6)	20m3/h	22m3/h	24m3/h
Nitrogen system includes	N2 flow meter, Flux management system, external water chiller, completely sealed		
OPTIONS			
• 610mm conveyor width	• O2 Analyzer		
• Auto-width conveyor	• N2 generator		
• Center rail support	• Dual conveyor (Asynchronous)		
• Nitrogen			
NOTES			
(1) Other voltages available per request (special order)	(4) Height with included risers		
(2) Warming time is while in standard heating mode	(5) Air oven; (no curtain)		
(3) Water chiller is included with N2 oven	(6) While using 99.999 (10 PM) purity N2		

JUKI®

JUKI CORPORATION

Electronic Assembly & Test Systems Division

2-11-1, Tsurumaki, Tama-shi, Tokyo 206-8551, JAPAN
TEL.81-42-357-2293 FAX.81-42357-2285

<http://www.juki.co.jp>

North America Headquarters:

Juki Automation Systems
507 Airport Blvd.
Morrisville, NC 27560
Phone: 919-460-0111
Email: sales@jas-smt.com
www.jukiamericas.com

North America Sales Office:

Juki Automation Systems
47102 Mission Falls Court
Suite 101
Fremont, CA 94539
Phone: 510-249-6700

JUKI Specifications and appearance may be changed without notice. Feb-2012/0000/Rev.00

JUKI®

LOWEST COST OF OWNERSHIP

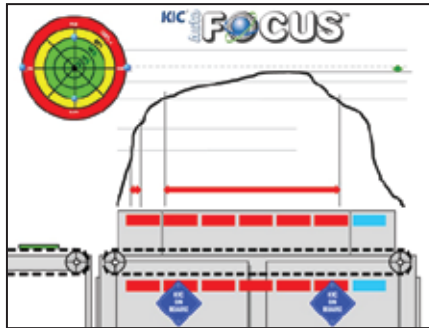
**RS600-II
RS800-II
RS1000-II**

ECO Friendly RS-II Series Lead Free Hot Air / N₂ Reflow Ovens



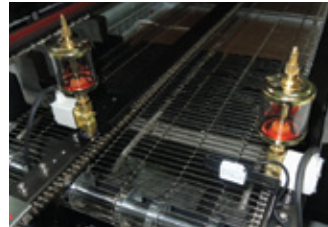
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ECO Friendly RS-II Series Lead Free Hot Air / N₂ Reflow Ovens



KIC AFP (Auto-Focus-Power) S/W

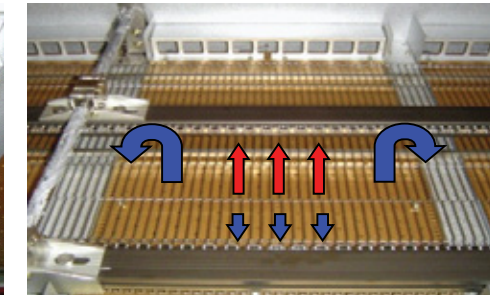
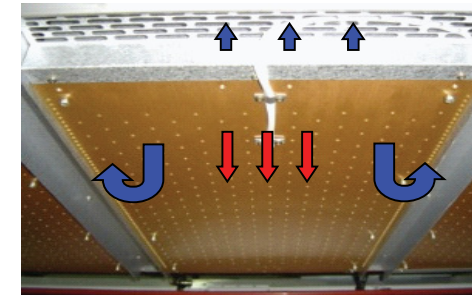
- Provides best first guess when setting up new product
- Uses built-in library of profiles and oven specifications
- Does not matter which profiler you use
- Standard feature on all RS-II series ovens



Automatic Chain Lubrication

Operation

- Windows 7 OS
- Intelligent diagnosis s/w with reminders, alarms, and reporting



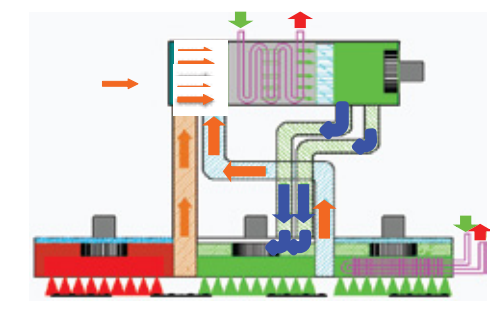
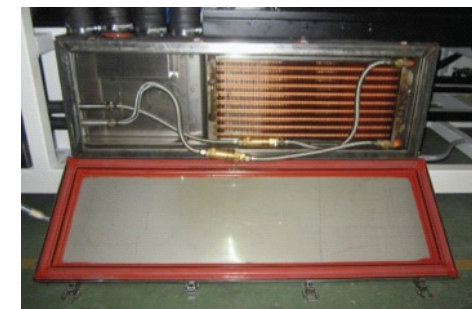
Efficiency

- Four-way hot air circulation (front-to-back as well as side-to-side) ensures most efficient heating, preventing instability and quick reaction time to various heating requirements
- Independent Air Velocity adjustment allows for flexible processing control to easily handle complicated lead free soldering requirements
- 13.5" heating zones mean JUKI ovens have longer than usual total heated length



Modular Design

- Modular design provides quick and simple maintenance reducing maintenance time and cost
- 13.5" heating zones resulting in longer heated tunnel length compared to ovens of equal zones



Advanced Flux Management/Cooling System on N₂ Ovens

- Dual independent heat exchangers for maximum cooling effect (N₂ ovens)
- Includes external water chiller (N₂ ovens)