



Resources Unlimited Co USA



CD460-H8/CD460-H10

Lead Free “Flat Panel” Reflow Oven

- Flat Panel Hot Air Convection for precise reflow results
- 8/10 zone configurations
- Dual Control Option (full system back up if PC fails)
- Flux management standard on all configurations
- Excellent English operating interface for simple programming
- (3) thermocouple inputs for reflow profile creation
- Edge rail & mesh combo to accommodate all PCB requirements
- Smart edge rail entry oil feature
- Excellent heater motor and heating element service access
- Full documentation (schematics, assy drawings, ops manual)
- Built like a tank with clean electrical and mechanical mfg

www.rucousallc.com

Product Description



Specifications

Features

	CD460-H8	CD460-H10
Type of Solder Paste	Lead free/standard	Lead free/standard
Max PCB Width	460mm (18")	460mm (18")
Component Types	BGA, CSP, 0201 Chip	BGA, CSP, 0201 Chip
Heating/cooling Zones	H=8 top/bottom C=2 top/bottom	H=10 top/bottom C=2 top/bottom
Temperature Accuracy	+/- 1°C	+/- 1°C
PCB Temperature Deviation	+/- 2°C	+/- 2°C
Mesh Width	560mm	560mm
Transport Method	Edge rail and mesh	Edge rail and mesh
Conveyor Direction	Std: L > R (option R > L)	Std: L > R (option R > L)
Conveyor Height	940mm +/- 20mm	940mm +/- 20mm
Conveyor Speed	0 – 1800mm/min	0 – 1800mm/min
Temperature Control	P.I.D. Control	P.I.D. Control
Temp Control Range	Room Temp > 350°C	Room Temp > 350°C
Warm Up Time	< 25 minutes	< 25 minutes
Temp Stabilizing Time	< 5 minutes	< 5 minutes
Power Consumption Start > Normal	42kW > 8kW	48kW > 10.5kW
System Control	Computer	Computer
Voltage Transformer	380V > 220V (North/South America)	380V > 220V (North/South America)
Dimensions (L x W x H)	4969 x 1490 x 1450mm	5330 x 1490 x 1450mm
Power Requirement	3 phase, 220V	3 phase, 220V
Weight	1890kg	2200kg
Air Pressure	5-7 Kg/cm ²	5-7 Kg/cm ²
Component Max Height (mm)	+/- 25mm	+/- 25mm

