

# Heat-Seal/ACF Final Bonding Desktop Systems

The Desktop Series deliver the same high bonding quality as the larger and more automated systems. For production environments where labour costs are conservative, it offers an ideal price-performance (throughput) ratio. The flexibility of the system also makes it perfectly suited to R&D environments and integration into larger systems.

#### Key Features Heat-Seal/ACF Final Bonding Desktop Systems

- > Small and flexible systems for high quality connections
- > Ideal price-performance (throughput) ratio
- > Simple adjustable fram construction
- > For Heat-Seal bonding, Hot Bar Reflow Soldering and Heat Staking
- > Reliable process control, by proven technology of Uniflow Power Supply



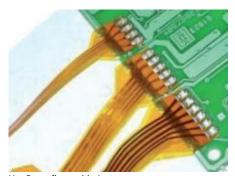
### **AMADA WELD TECH**

## Specifications Heat-Seal/ACF Final Bonding Desktop Systems

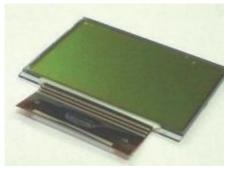
Air supply  48 bar (60-120 psi), dry & filtered air  Maximum fixture height  50 mm (1.97 inch)  520 mm (20.47 inch)  Fixture assembly baseplate  160x160 mm (6.30 x 6.30 lnch)  Starting operation  Two hand control  Operating temperature  15-40°C  Operating humidity  93% @ 40 °C  Bonding head & uniflow technical specifications  Force range  \$15 500:50.0 mm - SH 80: 8-80 N @ 6 bar  mm  Temperature range Idle  25 to 100 °C  Temperature range Baseheat  25 to 300 °C  Heat Extended Range  60 to 999 °C  Temperature range Preheat  60 to 300 °C  Postheat  0 to 99.9 seconds  Time period (in 0.1 sec increments) Rise to preheat  10 to 99.9 seconds  Time period (in 0.1 sec increments) Preheat  0 to 99.9 seconds  Time period (in 0.1 sec increments) Preheat  0 to 99.9 seconds  Time period (in 0.1 sec increments) Preheat  0 to 99.9 seconds  Time period (in 0.1 sec increments) Preheat  0 to 99.9 seconds  Oto 99.9 seconds	Model			
Maximum fixture height 50 mm (1.97 inch)  Gantry open width 520 mm (20.47 inch)  Fixture assembly baseplate 160x160 mm (6.30 x 6.30 lnch)  Starting operation Two hand control  Operating temperature 93% @ 40 °C  Operating humidity 93% @ 40 °C  Bonding head & uniflow technical specifications  Force range 81500: 50.0 mm - SH 80: 8-80 N @ 6 bar  Hot Bar stroke SH 500: 50.0 mm - SH 80: 50.0 mm  Temperature range Idle 25 to 100 °C Heat 60 to 600 °C  Temperature range Baseheat 25 to 300 °C Heat 25 to 600 °C  Temperature range Preheat 60 to 300 °C Postheat 25 to 600 °C  Time period (in 0,1 sec increments) Base Heat 0 to 99.9 seconds  Time period (in 0,1 sec increments) Rise to 0 to 99.9 seconds Heat 0.1 to 99.9 seconds  Time period (in 0,1 sec increments) Preheat 0 to 99.9 seconds Postheat 0 to 99.9 seconds  Time period (in 0,1 sec increments) Preheat 0 to 99.9 seconds Postheat 0 to 99.9 seconds  Time period (in 0,1 sec increments) Preheat 0 to 99.9 seconds Postheat 0 to 99.9 seconds  Communications ports RS-232, RS-485	Power requirements			
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Starting operation  Operating temperature  15-40°C  Operating humidity  93% @ 40 °C  Bonding head & uniflow technical specifications  Force range  SH 500:50.0 mm - SH 80: 8-80 N @ 6 bar  Hot Bar stroke  SH 500: 50.0 mm - SH 80: 50.0 mm - SH 80: 50.0 mm  Temperature range Idle  25 to 100 °C  Heat 60 to 600 °C  Temperature range Baseheat  25 to 300 °C  Heat Extended Range  60 to 999 °C  Temperature range Preheat  60 to 300 °C  Postheat  25 to 600 °C  Time period (in 0,1 sec increments) Base heat  0 to 99.9 seconds  Time period (in 0,1 sec increments) Rise to preheat time  0 to 99.9 seconds  Time period (in 0,1 sec increments) Preheat  0 to 99.9 seconds  RS-232, RS-485	Gantry open width	520 mm (20.47 inch)		
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WEIGHT & DIMENSIONS	Communications ports	RS-232, RS-485		
	WEIGHT & DIMENSIONS			
<b>Dimensions HxWxD (mm)</b> 510 x 550 x 600	Dimensions HxWxD (mm)	510 x 550 x 600		
Weight (in kg)  40 kg (excluding Uniflow Power Supply)	Weight (in kg)			



## Product applications Heat-Seal/ACF Final Bonding Desktop Systems







Hot Bar reflow soldering

Heat-seal bonding

ACF bonding



Heat staking



OUR TECHNOLOGIES









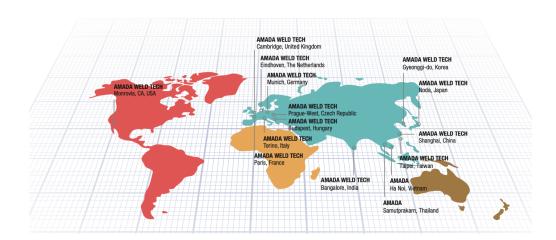








**OUR SALES OFFICES** 





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