



## 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.

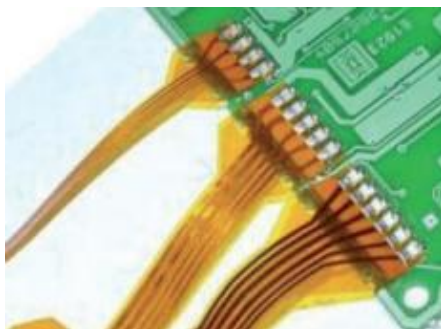
### Key Features Heat-Seal/ACF Final Bonding Desktop Systems

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

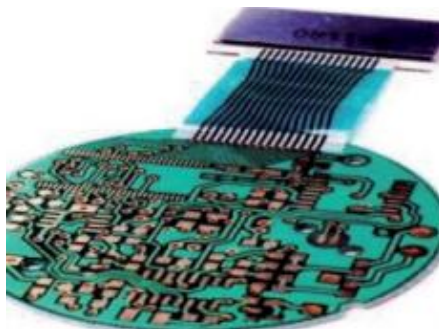
## Specifications Heat-Seal/ACF Final Bonding Desktop Systems

<b>Model</b>			
<b>Power requirements</b>	100 to 240 Vac, 50/60 HZ, 16 Amp max		
<b>Air supply</b>	4-8 bar (60-120 psi), dry & filtered air		
<b>Maximum fixture height</b>	50 mm (1.97 inch)		
<b>Gantry open width</b>	520 mm (20.47 inch)		
<b>Fixture assembly baseplate</b>	160x160 mm (6.30 x 6.30 Inch)		
<b>Starting operation</b>	Two hand control		
<b>Operating temperature</b>	15-40°C		
<b>Operating humidity</b>	93% @ 40 °C		
<b>Bonding head &amp; uniflow technical specifications</b>			
<b>Force range</b>	SH 500:50.0 mm - SH 80: 8-80 N @ 6 bar		
<b>Hot Bar stroke</b>	SH 500: 50.0 mm - SH 80 : 50.0 mm		
<b>Temperature range Idle</b>	25 to 100 °C	Heat	60 to 600 °C
<b>Temperature range Baseheat</b>	25 to 300 °C	Heat Extended Range	60 to 999 °C
<b>Temperature range Preheat</b>	60 to 300 °C	Postheat	25 to 600 °C
<b>Time period (in 0,1 sec increments) Base Heat</b>	0 to 99.9 seconds	Rise to Heat Time	0 to 9.9 seconds
<b>Time period (in 0,1 sec increments) Rise to preheat time</b>	0 to 9.9 seconds	Heat	0.1 to 99.9 seconds
<b>Time period (in 0,1 sec increments) Preheat</b>	0 to 99.9 seconds or continuous	Postheat	0 to 99.9 seconds
<b>Communications ports</b>	RS-232, RS-485		
<b>WEIGHT &amp; DIMENSIONS</b>			
<b>Dimensions HxWxD (mm)</b>	510 x 550 x 600		
<b>Weight (in kg)</b>	40 kg (excluding Uniflow Power Supply)		

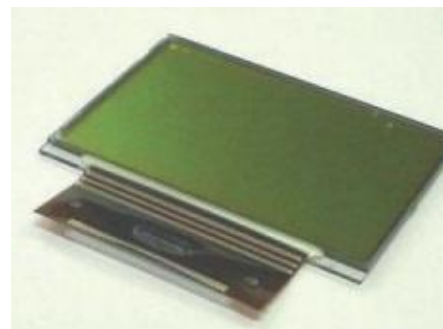
Product applications Heat-Seal/ACF Final Bonding Desktop Systems



Hot Bar reflow soldering



Heat-seal bonding



ACF bonding



Heat staking

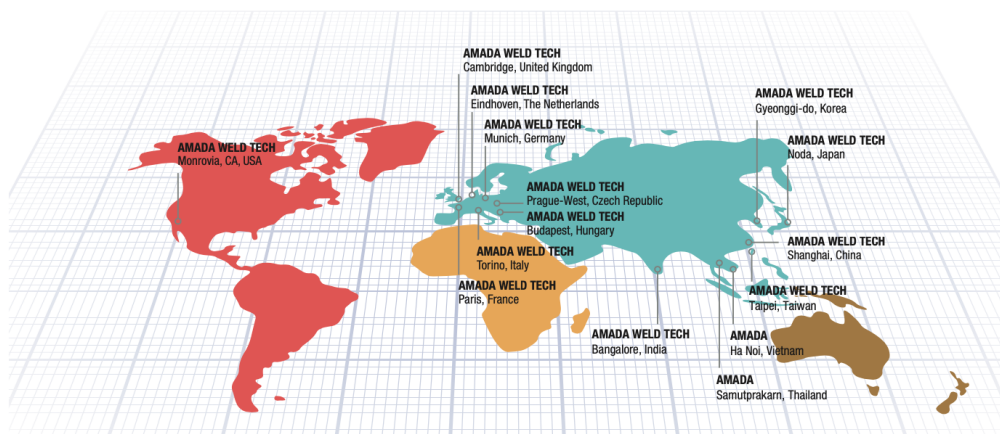
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