



Heat Staking desktop systems

These Desktop Pulsed Heat series are part of a line of semi-automatic and automatic systems developed for Heat Staking and offer an ideal price-performance (throughput) ratio.

The Desktop Series Pulsed Heat Series is the first in a line of semi-automatic and automatic systems developed for Heat Staking. The "PH" stands for Pulsed Heat Hot bar. "CH" which stands for Constant Heat, is also available.

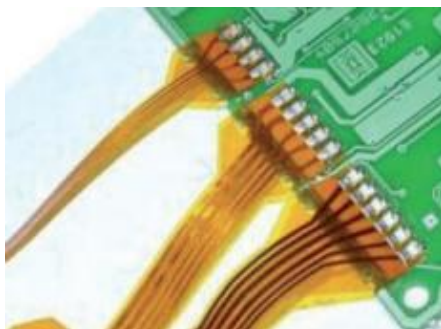
Key features Heat Staking desktop systems

- 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

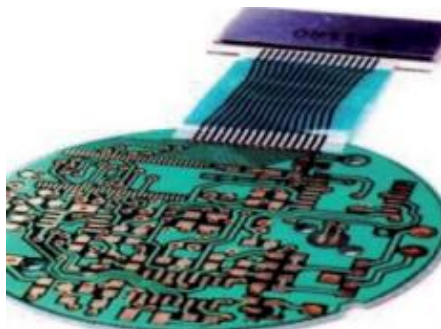
Specifications Heat Staking desktop systems

Power requirements	100 to 240 VAC, 50/60 HZ, 16 Amp max		
Air supply	4 - 8 bar (60 - 120 psi), dry & filtered air		
Maximum fixture height	50 mm (1.97 inch)		
Gantry open width	520 mm (20.47 inch)		
Fixture assembly baseplate	160 x 160 mm (6.30 x 6.30 inch)		
Starting operation	Two hand control		
Operating temperature	15 - 40 °C		
Operating humidity	93% @ 40 °C		
Bonding head & uniflow technical specifications			
Force range	SH 500: 50 - 500 N @ 6 Bar	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 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) base heat	0 to 99.9 seconds	Rise to Heat Time	0 to 9.9 seconds
Time period (in 0.1 Sec increments) rise to preheat time	0 to 9.9 seconds	Heat	0.1 to 99.9 seconds
Time period (in 0.1 Sec increments) preheat	0 to 99.9 seconds or continuous	Postheat	0 to 99.9 seconds
Communication ports	RS-232, RS-485		

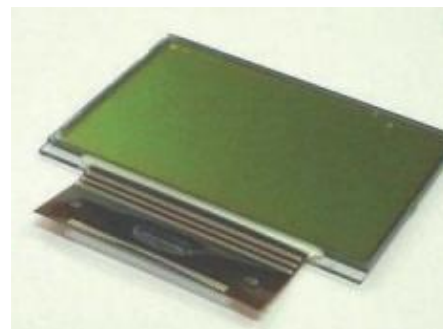
Product applications Heat Staking desktop systems



Hot Bar reflow soldering



Heat-seal bonding



ACF bonding



Heat staking

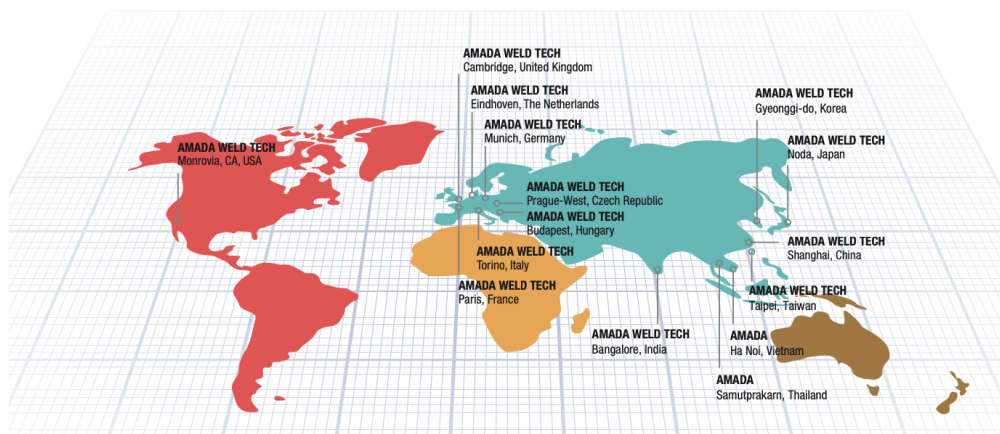
AMADA®

AMADA WELD TECH

OUR TECHNOLOGIES



OUR SALES OFFICES



AMADA WELD TECH GmbH
Lindberghstrasse 1 • DE-82178 Puchheim, Germany
T: +49 (0) 89 83 94 030 • Fax : +49 (0) 89 839403 68
info@amada-weldtech.eu • www.amada-weldtech.eu
ISO 9001 Certified Company

Please contact our worldwide
network here:



follow us on:



All data, images and text are subject to change at any time. AMADA WELD TECH GmbH reserves the right to change, modify, delete and add technical specifications and product details at any time without prior notification. © 2020 AMADA WELD TECH GmbH.

WWW.AMADAWELDTECH.EU