



Serie EM LCD/TFT y PDP – Sistemas de producción y reparación de calor constante (anteriormente conocido como Emerald)

Estos sistemas utilizan la tecnología de calor constante y se han diseñado para las aplicaciones siguientes:

- Paneles LCD/PDP pequeños y grandes, de tamaños de 1" a 65".
- Una gran variedad de tamaños y formas de lengüetas.
- Una gran variedad de tamaños y formas de PCI.

Key Features EM Series LCD/TFT & PDP Production & Repair Constant Heat Systems

- > Supporting all TAB/Flex sizes and almost all LCD/PDP panels
- > Fine pitch alignment
- > ACF tacking, Heat-Seal bonding
- > Hot Bar Reflow Soldering all in one system
- > Dual look-up cameras for alignment and track & marker recognition
- > Constant heat bonding technology with temperature controller and programmable timer
- > High precision pneumatic bonding head ensures consistent process results
- > Optional 1" to 6" panel support

Specifications Serie EM LCD/TFT y PDP – Sistemas de producción y reparación de calor constante
(anteriormente conocido como Emerald) 1/2

TAB sizes minimum L x W mm	8 x 5		
Tab sizes maximum L x W mm	150 x 66		
Chip (COG) sizes minimum L x W mm	5 x 1		
Chip (COG) sizes maximum L x W mm	50 x 10		
Flex sizes minimum L x W mm	8 x 5		
Flex sizes maximum L x W mm	150 x 50		
Customized shapes and sizes out of min/max on request			
Thermode (Hot Bar) type	Metal Constant Hot Bar		
Thermocouple type	K-type		
Temperature controller	Constant Heat Temperature Controller		
Air supply	6 - 8 bar, dry & filtered air		
Requisitos de energía	16A, 230 VAC, 50/60 Hz - 16A, 110 VAC, 50/60 Hz (Hot Bar		
Temperatura de funcionamiento	15 - 40 °C		
BONDING HEAD SPECIFICATIONS			
Rango de fuerza	SH500	PH500	SH1250
Head actuation method	Pneumatic	Motorised	Pneumatic
Bonding force	Adjustable	Programmable	Adjustable
Force range (N)	40-500	250-1250	20-2500
Hot Bar stroke mm	50		
Hot Bar sizes L min - L max mm	4-150		
W min - W max mm	1-5		
MASSA E DIMENSIONI			
Dimensions EM-C025A : HxWxD (mm)	2050 x 1200 x 900		
Peso	600 kg		
Panel sizes	25.4 - 635 mm diagonal		
Product handling standard / optional	EM-P025A / EM-P045A or EM-P065A		
Dimensions EM-C045A : HxWxD (mm)	2050 x 2250 x1405		
Peso	650 kg		
Panel sizes	25.4 - 1143 mm diagonal		
Product handling standard / optional	EM-P045A / EM-P065A		
Dimensions EM-C065A : HxWxD (mm)	2050 x 3050 x1705		
Peso	650 kg		
Panel sizes	25.4 - 1651 mm diagonal		
Product handling standard	EM-P065A		

Specifications Serie EM LCD/TFT y PDP – Sistemas de producción y reparación de calor constante
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TAB sizes minimum L x W mm		
Tab sizes maximum L x W mm		
Chip (COG) sizes minimum L x W mm		
Chip (COG) sizes maximum L x W mm		
Flex sizes minimum L x W mm		
Flex sizes maximum L x W mm		
Customized shapes and sizes out of min/max on request		
Thermode (Hot Bar) type		
Thermocouple type		
Temperature controller		
Air supply		
Requisitos de energía		
Temperatura de funcionamiento		
BONDING HEAD SPECIFICATIONS		
Rango de fuerza	PH1250	BH2500
Head actuation method	Motorised	Pneumatic
Bonding force	Programmable	Adjustable
Force range (N)		
Hot Bar stroke mm		
Hot Bar sizes L min - L max mm		
W min - W max mm		
MASSA E DIMENSIONI		
Dimensions EM-C025A : HxWxD (mm)		
Peso		
Panel sizes		
Product handling standard / optional		
Dimensions EM-C045A : HxWxD (mm)		
Peso		
Panel sizes		
Product handling standard / optional		
Dimensions EM-C065A : HxWxD (mm)		
Peso		
Panel sizes		
Product handling standard		

Product applications Serie EM LCD/TFT y PDP – Sistemas de producción y reparación de calor constante
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LCD panel application

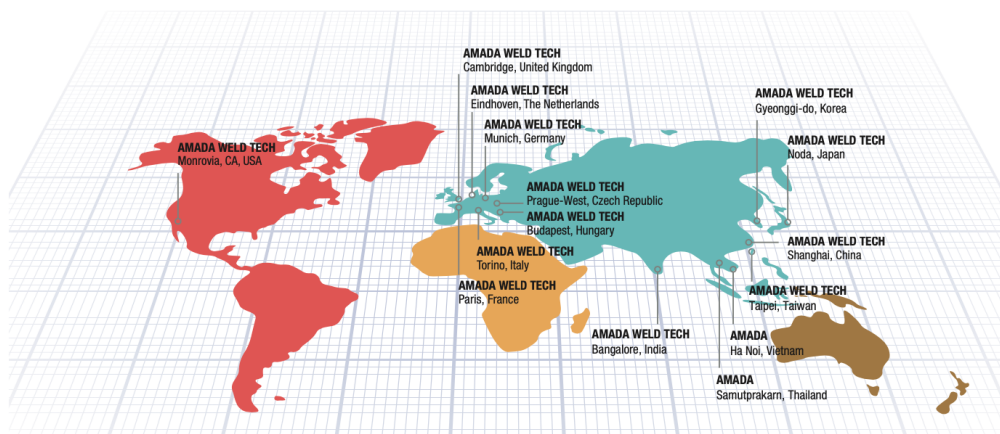
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OUR SALES OFFICES



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

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