

PULSE HEAT MACHINE TM-100PR-MKIV-2



Product introduction

Pulse heat machine, TM-100PR-MKIV-2, is equipped with all necessary bonding functions. It is an ideal solution for bonding FPC to PCB/FPC.

TM-100PR-MKIV-2 is equipped with Intelli-Pulse system to provide consistent bonding process. It is simple to operate and ideal to meet most of thermo-compression applications.

TM-100PR-MKIV-2 has fulfilled to CE EMC EN 55011:2016+A1:2017, EN 6100-6-2:2005 and Machinery Directive, 2006/42/EC.

Features

- Easy operation method
- Utilization of Pulse Heat Controller with Intelli-Pulse system
- 4 stage ramp temperature
- Real time temperature profile display
- Silicone Rubber indexing mechanism

PULSE HEAT MACHINE

TM-100PR-MKIV-2

Application

- For Hot bar soldering of FPC to FPC/PCB.
- For ACF bonding of FPC to FPC/PCB.

Product specifications

Machine Specifications	
Heating Method	Pulse Heat
Power Requirement	220VAC +/-10%, 50/60 Hz, 2.5kVA
Operating Ambient	23°C +/-5°C, 40 to 100% humidity with no significant dust
Supply Pressure	Filtered Clean and Dry Air, 5 – 7kgf/cm ²
Programmable Profiles	20
Process Mode	Manual
Visual Aids	2 units of 2M CCD
Magnification	50X
Work Table Size	120mm x 120mm
Work Area	Diameter 480mm
Dimensions	600mm(L) x 790mm(W) x 1435mm(H)
Weight	123kg
Pulse Heating Specifications	
Bonding Force	0.8kgf to 25kgf
Temperature Ramp Profile	4 stages
Start Temp.	30°C to 300°C
Ramp Temp.	30°C to 450°C
Release Temp	30°C to 450°C
Hold Period	1.0 to 100 seconds
Ramp Period	1.0 to 25 seconds
Thermode Specifications	
Max. Thermode Size	5mm x 2mm (min) to 75mm x 2mm (max)
Thermocouple Type	K Type

**Specifications are subject to change without prior notice*

HEADQUARTER (SINGAPORE)



TRIMECH TECHNOLOGY PTE LTD

A member of TRIMECH group of companies
Unit 13 Tampines Industrial Avenue 5,
T5@Tampines, Singapore 528762

Tel: 65-6741 0346

Fax: 65-6741 7850

Email: sales@cherusal.com

Website: www.cherusal.com



Certificate No. 651176

REGIONAL OFFICE

Shenzhen

Tel: (86) 755 8231 8765
Fax: (86) 755 8231 8763
Email: hunter-chang@cherusal.com

Shanghai

Tel: (86) 21 5055 1008
Fax: (86) 21 5834 6323
Email: jerry-kong@cherusal.cn

Hong Kong

Tel: (852) 8228 3601
Fax: (852) 3753 3358
Email: hunter-chang@cherusal.com

Taiwan

Tel: (886) 3 339 5818
Fax: (886) 3 339 5855
Email: hunter-chang@cherusal.com

Thailand

Tel: (66) 2 276 4171/ 2
Fax: (66) 2 276 4173
Email: nipon_k@cherusal.com

Xiamen

Tel: (86) 05 92517 6339
Fax: (86) 05 92517 6329
Email: sean-jiang@cherusal.cn

Agent or
Distributor