

Cherusal™ Semi Automatic COG Bonding Machine

TM-607C



TM-607C Semi Automatic COG Bonding Machine utilises Constant Heat to perform IC Pre-Bond and Final Bond operation. This system is designed for bonding IC onto substrates like LCD with ACF already pre-attached. The integrated *Cherusal™* Constant Heat Controller ensures the temperature consistency of the system for better control and accuracy.

FEATURES & BENEFITS

- Microprocessor based constant heat controller ensures consistency in the temperature.
- Ability to perform IC Pre-Bond and Final Bond Stage function.
- Semi Automatic Operation is able to align IC to a wide range of substrates
- IC tray can hold up to 10 IC.
- User friendly programming.

APPLICATION

- COG Bonding of Glass and Flex substrates and a wide range of substrate.

OPTIONS

- Safety Area Sensor
- Chinese Software for user programming

OPTIONS FOR OTHER PRODUCTION METHODS

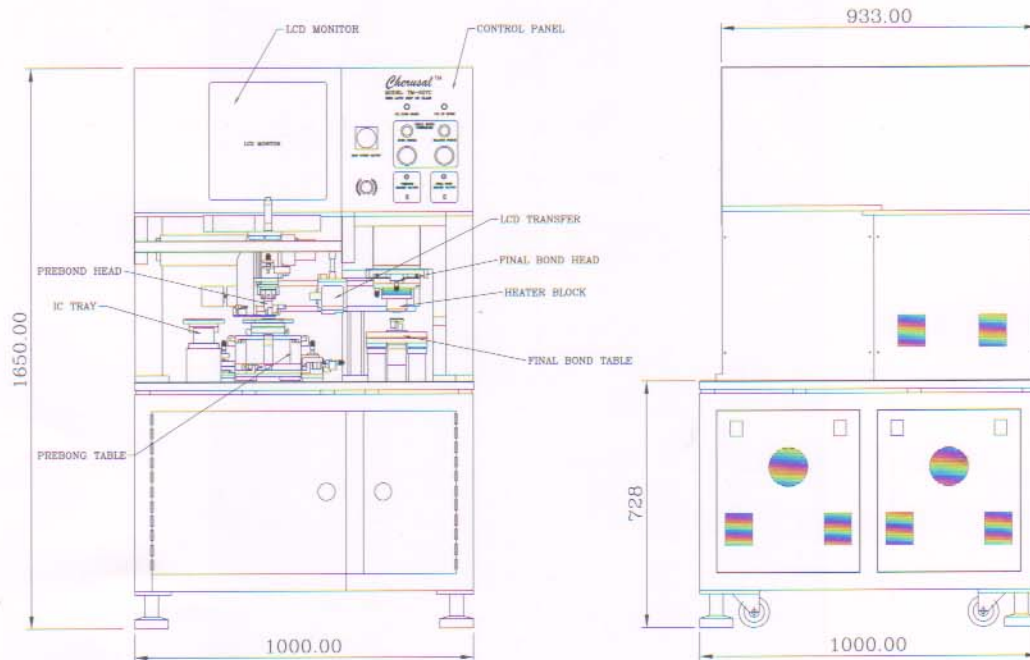
ACF Pre-attachment to
LCD
TM-90MKIII



COG Bonding
(utilising Constant Heat)
TM-607C

Cherusal™ Semi Automatic COG Bonding Machine

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产品规格 / SPECIFICATIONS

电源规格	Power Requirement	Single Phase, 220-240VAC, 50Hz, 3kVA		
操作环境	Operating Ambient	23°C +/- 5°C, 40% to 100% humidity, Controlled Environment		
预压	加热方式	Pre-Bond	Heating Method	Constant Heat
	预压温度		Bond Temp.	150°C (max)
本压	加热方式	Final Bond	Heating Method	Constant Heat
	本压温度		Pre-attach Temp.	350°C (max)
供应气压	Supply Pressure	Filtered Clean and Dry Air, 6Kgf/cm ² (min)		
压力	Bonding Force	2Kgf - 29Kgf		
真空源	Vacuum Source	Vacuum Ejector, -360mmhg		
晶片尺寸	Chip Dimensions	3mm x 1mm - 20mm x 5mm		
基体尺寸	Substrate Dimensions	20mm x 20mm - 120mm x 100mm		
晶片盘数量	No. Of IC Tray	10		
晶片装载方向	Chip Supply Direction	IC face down		
对位精度	Alignment Accuracy	+/-5µm		
尺寸	Dimensions	1000mm (L) x 1000mm (W) x 1650mm (H)		
重量	Weight	Approx. 500 kg		

因产品改善, 规格或有不同。 Specifications are subjected to change without prior notice.



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