

# Mistral 260

- Forced air convection heat for maximum temperatures up to 300 °C.
- Forced air convection provides uniform heating and prevents shadowing.
- Three heat zones, each independently controlled for accurate temperature profiles.
- Bench-top unit can be converted to a standalone unit by use of the optional cabinet and also integrated into a fully conveyORIZED production line.
- Viewing panel allows visual inspection of reflow process.
- Detachable thermocouple for measuring substrate temperatures.
- Touch screen control system, monochrome

## Forced air convection reflow oven



**TECHN**  **PRINT**

The **Mistral 260** convection reflow soldering system uses re-circulated hot air to accomplish reflow at much lower temperatures than IR systems. Using constant, even heating, a great variety of board sizes will reach reflow temperature with the same heat profile. By eliminating set-up time your production line can work to its fullest capacity.

# Mistral 260

Convection heating provides many other advantages over IR. In addition to the wide process window it works with:

- No shadowing
- No hot spots
- No colour sensitivity
- 3-zone temperature control
- No cold solder joints
- No belt load sensitivity

With a belt width of 265 mm (over 10") and consistent temperature across the entire width the Mistral can easily accommodate your entire production line speeds up to 60 cm/minute.

"Environment friendly" is more than just a catch to the Mistral designers. With reduced energy consumption and carefully controlled air-flow and exhaust systems, your plant will only benefit from its introduction. Ease of access to all parts of the machine ensures fast and easy maintenance. Managing information is quickly available and ancillary processes, such as glue curing, are easily programmed. The Mistral 260 reflow system is built to last and to perform to the highest standards throughout its long lifetime.

For more detailed information please visit our website.

## TECHNICAL SPECIFICATIONS:

- Touch screen control system, Monochrome, 3,8"
- Power requirements: 220/240VAC 1-phase
- Rated power max.: 3650 Watts
- Temperature regulation accuracy: 1°C
- Stainless steel spring wires conveyor belt
- Conveyor speed: 15 - 60 cm/min.
- Soldering temperatures typ: 180 - 300°C
- Clearance for assemblies up to 20 mm
- Soldering width: 265 mm

## Length process chamber:

- 860 mm
- Bottom cooling fans at offload section.
- Heat-up time: approx. 15 min.

## Dimensions:

- L x W x H = 1540 x 570 x 340 mm.
- Net weight: 60 kg

## USB output for direct printing

Option: Cabinet

## CARACTERISTIQUE TECHNIQUES:

- Toucher l'écran système de contrôle, monochrome, 3,8"
- Raccordement réseau: 220/240 VAC. Monophasé.
- Consommation max; 3650 Watt
- Precision de réglage de température: 1 °C.
- Transport par convoyeur.
- Vitesse de transport: 15-60 cm/min
- Temperatures normales de soudage 180 - 300 °C.
- Hauteur de passage: 20 mm max.
- Largeur utile de soudage: 265 mm

## Longueur tunnel de soudage:

- 860 mm.
- Ventilateurs de refroidissement en fin de section de chauffage.
- Temps de chauffage env. 15 min

## Dimensions:

- L x P x H = 1540 x 570 x 340 mm.
- Poids: 60 kg

## Sortie USB pour impression direct

Option: Cabinet

## TECHNISCHE DATEN:

- Touch-screen steuerung, Monochrom, 3,8"
- Netzanschluss: 220/240 VAC. Einphasig.
- Anschlussleistung max. 3650 Watt.
- Regelgenauigkeit der Strahler: 1 °C
- Offenes Transportband endlos spiral Federn.
- Transportgeschwindigkeit 15-60 cm/Min.
- Löttemperaturen typisch: 180 - 300 °C
- Durchlaufhöhe: max. 20 mm
- Nutzbare Lötweite: 265 mm

## Prozesskammerlänge:

- 860 mm
- Kühlventilatoren unten, am Ende der Heizstrecke.
- Aufheizzeit: ca. 15 min

## Abmessungen:

- L x B x H = 1540 x 570 x 340 mm.
- Gewicht: 60 kg

## USB-ausgang für direkt drucken

Optionen: Unterbau

## TECHNISCHE GEGEVENS:

- Touch screen besturingssysteem, monochroom 3,8"
- Netspanning: 220/240 V. 1 fase.
- Opgenomen verm. max.: 3650 W
- Regelnaauwkeurigheid van de stralers: 1 °C
- Open transportband uit roestvaste stalen veren.
- Transportsnelheid: 15 - 60 cm/min
- Typische soldeertemperaturen: 180 - 300 °C
- Max. doorloophoogte 20 mm
- Soldeerbreedte: 265 mm

## Lengte proceskamer:

- 860 mm
- Koelventilatoren aan het einde van de ovensectie.
- Opwarmtijd: ca. 15 min

## Afmetingen:

- L x B x H = 1540 x 570 x 340 mm.
- Gewicht: 60 kg

## USB uitgang voor direct printen

Optie: Onderbouw



Made by:  
Technoprint SMT bv

Veldzichtweg 10  
3851 SH Ermelo  
( The Netherlands )

Phone: +31 341 563 026  
Fax: +31 341 563 027  
Email: info@technoprint-smt.nl  
Site: www.technoprint-smt.nl