

Premium Inline Vapor Phase Machine

For High Volume

CX600



The **CX** machine is a **fully automatic inline system** that promises **high throughput** and thus achieves cycle time of less than 20 sec per module. The integrated energy management system incl. standby mode ensures **low energy consumption**. Since oxygen-free soldering with this machine can be done without any additional use of nitrogen, you save yourself the associated costs. A further advantage of the CX system is the **integrated profile recording** as well as the repeatability of the processes by **temperature-controlled profiles**. The intuitive touch-screen display provides a simple programming of the system. Three separate, internal process chambers with automatic locks ensure **lowest medium consumption**.

- √ Automatic loading and unloading of the carriers
- √ 2 carriers multi line for 4 lines with the middle support
- √ SMEMA-Interface
- √ Syncro Mode for repeatable process cycles
- √ SVTC Soft Vapor Temperature Control
- √ Pilot-Mode
- √ Integrated measurements channel
- √ Observation window to process chamber
- √ Heating control system
- √ Automatic medium level system
- √ Automatic medium filtering
- √ Medium recovery system
- √ Production status indicator lightpost
- √ Maintenance free transport system
- √ Operation of integrated PC with TFT-Panel



 Options

- 2 additional channels for thermocouple measurement (NiCrNi)
- Siemens-Interface
- Cooling device (chiller)
- Batch carrier for manual operation
- VP-measuring electronics and software PTP
- Additional multi line carrier for 4 lines with middle support
- UPS (uninterrupted power supply)
- Trafo for 480V or 208V 3 phase

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| Technical Data | CX600 |
|---|-----------------------------------|
| Length | 5.950 mm (inkl. Loading conveyor) |
| Depth | 1.980 mm |
| Height | 1.500 mm |
| Weight | 1980 kg |
| Loading/unloading level, approx. | 870 / 950 mm (variable) |
| Max. board size (manual loading / Batch) | 680 x 646 x 65 mm |
| Max. board size (Inline) | 680 x 305 x 45 mm |
| Medium agent filling | 40 kg |
| Water connection | 1/2" / 2,5-5 bar / 3,0l/min |
| Max. heating capacity of Vapor Phase heater | 6,4 kW |
| Ø Energy consumptio/h | 3,4 kW |
| Power supply | 400/230 VAC, 50/60Hz, 6,8kW |
| Main fuse | 20A, Typ "gL" oder "C" |

- Technical changes reserved -

SOFT VAPOR TEMPERATURE CONTROL (SVTC) AND PILOT-MODE

-  Wide range of easy-to-program, repeatable temperature profiles
-  Profiles can be monitored, recorded and reproduced independent of external influence such as loading conditions
-  Integrated real-time board temperature profiling

-  Combines the patented SVP-Mode with a precise and repeatable temperature control for different PCBA package sizes and mass requirements
-  SVTC-Mode controls the temperature gradients by bringing the boards into predefined steps within the vapor phase
-  Pilot-Mode enables reproduction of any specific solder profile for an assembly immediately