

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

Premium Inline Vapor Phase Machine




For High Volume




CX600

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

Premium Inline Vapor Phase Machine

For High Volume

CX800



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

Premium Inline Vapor Phase Machine




For High Volume




CX800

Technical Data	CX600
Length	5.950 mm (incl. Loading conveyor)
Depth	2.390 mm
Height	1.500 mm
Weight	2090 kg
Loading/unloading level, approx.	870 / 950 mm (variable)
Max. board size (manual loading / Batch)	826 x 680 x 65 mm
Max. board size (Inline)	680 x 510 x 45 mm
Medium agent filling	45 kg
Water connection	1/2" / 2,5-5 bar / 6,0l/min
Max. heating capacity of Vapor Phase heater	10,4 kW
Ø Energy consumptio/h	5,3 kW
Power supply	400/230 VAC, 50/60Hz, 10,7kW (16,0 kw)
Main fuse	32A, Typ "gL" or "C"

- Technical changes reserved -

SOFT VAPOR TEMPERATURE CONTROL (SVTC) AND PILOT-MODE

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