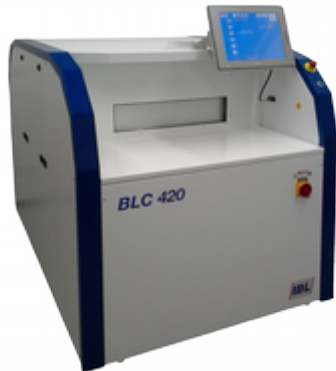


Premium Vapor Phase Machine

For Highest Challenges

BLC



New Design in different sizes and with **small footprints**, this is the **BLC** series. Cost-saving due to the **2-chamber design** and innovative because of the **big touch-screen monitor** with new and **easy handling software**. Available as **batch or inline** the machine is perfect for medium to high volume production. The system promises oxygen-free soldering and no overheating of components. **Maximum solder quality** and **flexibility** are provided by countless patented functions. The BLC machine is not only popular for its look and quality, but also for the **low power consumption**.

- ✓ Comfortable operation with 15" Touch Window HMI Screen
- ✓ Permanent data collection with integrated Windows-PC
- ✓ Unlimited program memory
- ✓ Wide variety of adjustable solder profiles
- ✓ Low medium consumption with 2-chamber design and medium recovery
- ✓ Integrated cooling fan
- ✓ Minimum maintenance and wear due to „cool handling“ (all moving parts outside the process chamber)
- ✓ 4 internal channels for comfortable temperature measuring and profiling
- ✓ Energy management system
- ✓ Medium level check
- ✓ Automatic medium filtering
- ✓ Automatic carrier in- and output
- ✓ Network capability



Options

- RCS Rapid Cooling System (*patented*)
- IR heater system (*patented*)
- TRS – Temperature recording software and analysis for convenient documentation and fine adjustment of the process
- Barcode-system for automatic program change, traceability
- Measurement channels for board temperature recording
- Multi-Level-Mode for easy changeover between different solder heights
- Adapter for double sided PCB's
- UPS, uninterruptible power supply
- Closed-loop-chiller
- Additional cooling fan
- IPSC – Pilot-mode for temperature controlled soldering process incl. measurement channel for PCB-Temperature recording

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Technical Data	BLC420	BLC620	BLC820	BLC420i	BLC620i	BLC820i
Length (over all)	1060 mm	1260 mm	1460 mm	1820 mm	2020 mm	2220 mm
Depth	1960 mm	1960 mm	1960 mm	2490 mm	2490 mm	2490 mm
Height	1320 mm					
Weight	520 kg	650 kg	780 kg	750 kg	920 kg	1070 kg
Max. board size Batch (in mm)	450 x 540 x 80	650 x 540 x 80	850 x 540 x 80	530 x 400 x 65	630 x 400 x 65	630 x 400 x 65
Medium agent filling	16 kg	20 kg	25 kg	16 kg	20 kg	25 kg
Water connection	1/2" / 2,5 – 5 bar					
L/min	3,0	3,02	3,5	3,0	3,0	3,5
Max. heating of capacity of vapor phase heater	6,4 kW	7,8 kW	10,4 kW	6,4 kW	7,8 kW	10,4 kW
Ø power consumption / h	2,6 kW/h	3,2 kW/h	3,6 kW/h	2,6 kW/h	3,2 kW/h	3,6 kW/h
Power supply	230/400 VAC, 50/60 Hz					
Main fuse	20A "gl" oder "C"	25A "gl" oder "C"	32A "gl" oder "C"	20A "gl" oder "C"	25A "gl" oder "C"	32A "gl" oder "C"

- Technical changes reserved -

SPECIAL FEATURES

IPS, Intelligent Profiling System incl.
 - Soft Vapor Temperature Control (SVTC)
 - Pilot Mode, set-up and profiling in one step

Built-in software profiling capability

Maintenance-free transport system (patented)

Lead-free and leaded soldering with one medium only, with different maximum temperatures

Easy access to process chamber

Syncro-Mode