Forced Convection Reflow Soldering System  
SMT XS (N₂)  

The multiple proven  
Forced Convection  
Reflow Soldering System  
SMT XS (N₂)  

Perfect mid-range throughput performance oven in production. In has various fields of application because of high flexibility and high performance.

Important Similarities  
All SMT reflow soldering systems assure an optimum of process stability by innovative technology and are equipped with the following advantages:

- Special power nozzle system for optimal heat transfer  
- Sophisticated control concept for lowest possible energy and media consumption  
- Multi-stage condensate filter at the cooling zone for efficient cleaning  
- Process chamber made of stainless steel  
- Suitable for temper and curing processes

All systems are available as air or nitrogen version and are suitable from small batch up to three shift operation.
Technical Data SMT XS (N₂)

1.) Machine with chain conveyor 220 mm transport width, fan regulation and no other options

2.) Standard height 830 mm; corresponding to a changed inlet height the other heights of the reflow system are changing

3.) Connection of a flexible, heat resisting (at least 100 °C) hose (available by SMT) or tube. The waste air exhausting unit width adjustable throttle valve mounted after the suction sleeves has to be installed by the user

4.) Nitrogen supply with filters for solid and liquid parts has to be mounted by the user, recommended supply of nitrogen with oxygen content < 5 ppm

6.) 1000 ppm with option “intelligent nitrogen control” and “sleeping mode”; if 500 ppm then approx. 10 m³/h

7.) With PCBs (220 x 220 mm), one PCB length distance, 1000 ppm; if 500 ppm then approx. 17 m³/h

* with option nitrogen only

Subject to change without notice 05/03/2012