

Pass-through oven **UFP 800 TS**



Tempering process can now be fully electronically controlled

Inline-capable

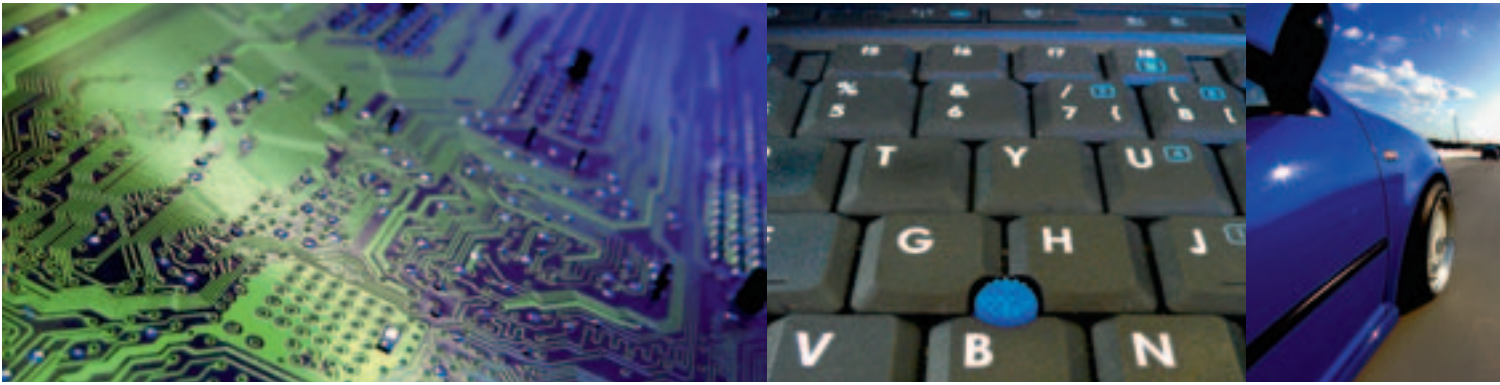
Automatic loading guarantees short process times for drying

High throughput rate

Working chamber does not need to be opened for loading

Constant conditions

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Precise non-stop tempering

The curing of leadframes and adhesive compounds or the tempering of components can be controlled fully automatically within the current manufacturing process with the Memmert UFP 800 TS.

Sophisticated features, maximum convenience

The features of the UFP 800 TS match the holistic quality philosophy of Memmert. The interior made of stainless steel 1.4301 (ASTM 304) and the fully insulated outer housing made of structured stainless steel are easy to clean, robust and corrosion-resistant.

The synchronised loading of parts is implemented by a conveyor belt running through lateral in- and outlets



To increase the throughput for automatic loading, deflection rollers can be integrated into the interior on request. Observation windows on the front and rear enable simple manual loading, allowing the tempering process to be continuously observed.

For the sake of sensitive components: Reliability and precision

- Adjustable temperature: 20 °C to 250 °C (control starts from 10 °C above ambient temperature)
- Interior ventilation for a turbulence-free and homogenous atmosphere
- multifunctional, fuzzy-supported control for exact setting and maintaining of temperature
- deviation in time max ± 0.5 °C
- spatial deviation max ± 2.5 °C at 160 °C

Important with respect to quality: Safe process integration

- Integrated self-diagnosis system with optical and acoustic error display
- Threefold temperature monitoring (mechanical temperature limiter TB, electronic adjustable overtemperature controller TWW, Automatic Safety Function ASF for under-temperature alarm and overtemperature protection)
- Potential-free contacts for connection to process control system and monitoring of temperature and error states
- Choice between RS232/RS485 incl. "Celsius 2007" software and Ethernet interface (extra charge) for control and documentation

Technical Data UFP 800 TS

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|--|---|
| • Interior (width x height x depth in mm): | 1040 x 1200 x 600, volume 749 l |
| • Casing (width x height x depth in mm): | 1190 x 1620 x 750 |
| • Electrical supply / load: | 400 V ($\pm 10\%$), 3 ph, 50/60 Hz – 4800 W |

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EXPERTS IN THERMOSTATICS

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