FULL CONVECTION REFLOW OVENS

Introducing - The Lizard - Demands for a modern oven are not only in soldering and curing.

productivity.
- 3-5 zone reflow, up to 400 mm process width
- Mesh belt or pin chain conveyor

combined process.
- Soldering or curing - Full convection heating for even temperature distribution

lead-free process.
- For solder pastes with or without lead
- Low thermal stress, efficient heat transfer

controlled process.
- Temp. metering in heating & cooling zones
- Integrated microprocessor for profile control

flexible process.
- Highly reproducible soldering conditions
- Built-in overheat security switches

secure process.
- Closed loop controlled conveyor drive system
- Integrated microprocessor control with LCD

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Soldering of complex SMD boards requires a well-controlled process. Demands are not only in soldering, but also in zone regulation, storing of profiles and the extra high air circulating volume.

Full operator support - The integrated microprocessor control provides an easy-to-use operator interface and storage capacity for different solder profiles. All options and accessories retrofittable.

The convection technology applies the same temperature all over the PCB or substrate, making programming as easy as possible. Transport width adjustment of the chain conveyor is motorized.

**MULTITALENT SOFTWARE RO-CONTROL** – PC software for simulation, control, measurement and documentation of perfect solder profiles, job planning, setup optimisation, easy assistant process support, integrated microprocessor control with LCD for easy operation, and more

**optional**
- **RO-CONTROL Software**  Simulation and unlimited storage space for programs
- **Efficient Cooling**  Two highly efficient blowers cool down the PCB
- **Transport Systems**  Mesh belt or chain conveyor system (with middle support)
- **SMEMA Integration**  Link the RO400FC with any other compatible equipment
- **Process Control**  Optional flying thermocouples, temperatures can be recorded
Control: Board counter, Optional with sensor or standard with SMEMA option
Gas temp. adjustment: Adjustable from 20° to 290°C (68° to 554°F) for each zone
PCB: PCB handling, Mesh, Pin chain
Substrate width: 10-400 mm (0.39-15.8”), 60-400 mm (2.4-15.8”), 10-300 mm (0.39-15.8”)
Conveyor: Conveyor speed range, 100-800 mm/min (3.9-31.5”/min), Slow speed 10-200 mm/min
Process: Heated length, 1’620 mm (63.8”), 1’160 mm (45.7”)
Machine: Footprint, 2’800 x 914 mm (110.2 x 36”), 2’000 x 710 mm (78.8 x 28”)

野生动物始终教会我们，大自然以令人叹为观止的灵活性适应其环境的多种多样的需求，这就是我们的灵感！Essemtec AG是一家私营公司，其研发和生产中心位于瑞士。我们的产品组合包括电子组装设备和其他高科技解决方案。我们的高科技解决方案可以快速轻松地调整以满足广泛的要求；因此，我们能够响应所有客户的需求。这就是为什么“自然适应”是我们的口号。在所有范围内。

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