



LWX30 KILN WITH LOST WAX KIT

Laboratory furnace for laboratory testing and processing using the lost wax technique.

Technical Specifications Kiln

- Electrowelded sheet steel structure with folded sheet steel panels.
- Internal anticorrosive treatment.
- Internal and external protection with powder coatings and subsequent heat treatment at 200°C.
- Swinging door with perimeter gasket and peephole for internal viewing.
- Top valve with refractory plug and front air intake to increase air circulation and facilitate the release of smoke or vapors.
- Drawer for wax containment/recovery under the oven made of 304 stainless steel.

Firing Chamber

- Outer coating with multilayer insulation to absorb cooking moisture and prevent harmful condensation leaks.
- Internal lining entirely made of refractory bricks, ensuring durability and long-term reliability.
- This exclusive internal lining solution reduces electricity consumption by over 50% compared to traditional systems.
- Our exclusive internal lining greatly reduces any maintenance required for the oven.
- Perforated AISI310 grid, measuring 290 x 290 x h.15 mm.
- AISI310 collection tank, measuring 300 x 300 mm, with central hole for wax flow.

Heating System

- Multiple heating elements supported by high alumina content tubes and located on 2 walls (sides) ensure perfectly uniform temperature for any ceramic, porcelain, stoneware, etc. firing.
- The utmost care in the construction of the heating elements and the high quality of the materials used (Kantal A1) guarantee perfect firings for many years.
- "SSR" modulation, precise and silent control on the resistors with Solid State Relay
- S-type temperature probe, for temperatures up to 1300°C

Automatic Temperature Controller UC51

- The temperature control panel is equipped with microprocessor instrumentation for programming with a gradient of N° 9 programmable sequences.
- Once installed, each program can be easily recalled by selecting the corresponding number.
- In each of these programs, it is possible to set a firing diagram with 12 different temperatures associated with their own rise, fall, or hold time. Therefore, with this instrument, it is possible to set different variables depending on the specific productions to be carried out.
- Real-time information related to the running program

- (operating program, executed segments, furnace temperature, etc.) will be displayed on the screen.
- Various indicator lights signal the operations performed.
- Automatic restart of the furnace in case of power interruption.

SPECIFICHE

SKU	Computer type	Capacity	Max. Temp	Power	Voltage
55986	TC51	30	1000°C	2,5 Kw	220 ~ 230 V - 50 HZ

DIMENSIONS

SKU	Internal Width	Internal Depth	Internal Height	Length	Height	Depth	Weight in kg
55986	310	310	320	680	620	670	80