

**SNOL 7.2/900** ashing furnace with solid ceramic chamber is designed for ashing and burn off processes up to 900°C. Fan-assisted chimney permits to eliminate smoke from chamber during processing.

### DESCRIPTION

- ✓ Solid ceramic chamber,
- ✓ Enclosed heating elements on four sides around the chamber,
- ✓ Outside casing – metal sheet, powder painted grey,
- ✓ Fan-assisted chimney for smoke and humidity extraction,
- ✓ Door opens sideways,
- ✓ Door safety interlock switch,
- ✓ Control panel is placed in the underpart of the furnace,
- ✓ Non-programmable temperature controller – Omron E5CC,
- ✓ Ceramic bottom plate,
- ✓ Low power consumption,
- ✓ Good stability and uniformity,
- ✓ 1 year warranty.

| Technical data   | Units | Specifications |
|--|-------|----------------|
| Useful volume  | Liter | 7.2            |
| Rated power not more than  | kW    | 3.3            |
| Rated supply voltage   | V     | 230            |
| Rated frequency  | Hz    | 50             |
| Number of phases   | -     | 1              |
| Continuous operating temperature   | °C    | T+10-900       |
| Maximum temperature  | °C    | 900            |
| Working chamber material   | -     | Ceramic        |
| Maximum heating- up time (without charge),   | Min.  | 130            |
| Temperature stability in working chamber at rated temperature in thermal steady state without charge not more than | ± °C  | 1              |
| Temperature uniformity in working space at rated temperature in thermal steady state without charge not more than  | ± °C  | 10             |
| Furnace working chamber dimensions:  |       |                |
| width  | mm    | 195            |
| depth  | mm    | 295            |
| height   | mm    | 120            |
| Furnace dimensions:  |       |                |
| width  | mm    | 445            |
| depth  | mm    | 590            |
| height   | mm    | 525*           |
| Mass (Netto)   | kg    | 51             |

\* – should increase by 20-85 mm, depending on the chimney

**CONTROL:**

- ✓ Temperature measurement by thermocouple type "K".
- ✓ PID electronic regulator, double digital display reference temperature and measured temperature.
- ✓ Products are equipped with high-precision digital microprocessor Omron or Eurotherm temperature controllers fitted with self-tuning and manual PID settings. The customer can select a basic or programmable temperature controller, which offers up to 32 programming segments (rate of temperature rise or decrease control, maintenance of present temperature, automatic shutdown). A wide range of devices allows selecting the most appropriate controller for your process.
- ✓ SSR control unit.

**SUPPLIED DOCUMENTS:**

- ✓ Furnace and temperature controller instructions,
- ✓ Electric diagram

**OTHERS:**

- ✓ CE marked

**PACKING:**

- ✓ Wooden box

**OPTIONS:**

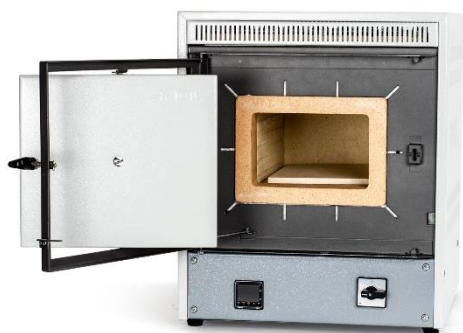
- ✓ Eurotherm 3216 (non-programmable)
- ✓ Eurotherm 3208 (programmable)
- ✓ Omron E5CC-T (programmable)
- ✓ PC connection and SNOL software
- ✓ OTP (over temperature protection, non-adjustable)
- ✓ OTP (over temperature protection, adjustable Eurotherm 3216i)
- ✓ OTP (over temperature protection, adjustable Omron E5GC)
- ✓ Buzzer
- ✓ Timer (delayed furnace start)
- ✓ Ventilation hole ceramic tube (in the back side Ø17mm)
- ✓ Gas injection system for Argon or Nitrogen (flowmeter, reducer and connections)
- ✓ Gas box to operate with protective gases (up to 1150°C)
- ✓ Window Ø35mm temp. up to 1100°C

**WARRANTY:**

- ✓ One year limited warranty and later service for furnace
- ✓ Possibility to extend warranty for an additional 1 year

**COUNTRY OF ORIGIN:**

- ✓ Lithuania (EU country)



Administrative address  
Umega Group, AB  
Metalo str.5, 28216 Utena  
Lithuania

Factory address  
Umega Group, AB, SnolTherm unit  
Plento str.3, 28104 Utena  
Lithuania

Tel. +370 389 54586  
sales@snoltherm.com  
www.snol.com

VAT code: LT263347219  
Company registration No. 126334727