![SNOL - PART OF UMEGA GROUP]

SNOL 40/1200 ashing furnace with a chamber made of fiber thermal insulation plates, is designed for ashing and burn off processes up to 1200°C. Fan-assisted chimney permits to eliminate smokes from chamber during process time.

DESCRIPTION

- ✓ Chamber made of fiber thermal insulation plates,
- ✓ Heating elements in the grooves in three sides of the chamber,
- ✓ Outside casing – metal sheet, powder painted grey,
- ✓ Fan-assisted chimney for smoke and humidity extraction,
- ✓ Door opens to the right side,
- ✓ Door safety interlock switch,
- ✓ Control panel is placed in the underpart of the furnace,
- ✓ Non-programmable temperature controller – Omron E5CC,
- ✓ Ceramic bottom plates,
- ✓ Fast heating time due to low thermal mass construction,
- ✓ Low power consumption,
- ✓ Good stability and uniformity,
- ✓ 1 year warranty.

Technical data	Units	Specifications
Useful volume	Liter	40
Rated power not more than	kW	3.4
Rated supply voltage	V	230
Rated frequency	Hz	50
Number of phases	-	1
Continuous operating temperature	°C	T+10-1200
Maximum temperature	°C	1200
Working chamber material	-	Fiber plates
Maximum heating- up time (without charge),	Min.	150
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	295
depth	mm	420
height	mm	295
Furnace dimensions:		
width	mm	645
depth	mm	870
height	mm	835*
Mass (Netto)	kg	110

– 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.

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)

SUPPLIED DOCUMENTS:

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

OTHERS:

- ✓ CE marked

PACKING:

- ✓ Wooden box

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)