



# Electric muffle furnaces "R-3 L" and "R-8 L" 1100 °C

FOR TEMPERATURES ADJUSTABLE FROM AMBIENT +5°C. UP TO 1100 °C.  
 MICROPROCESSOR CONTROL WITH TFT TOUCH SCREEN.  
 PRECISION ±2 °C OF THE SET VALUE.  
 RESOLUTION: 1 DIGIT.



## FEATURES

Metal external case with vent at the back of the unit.  
 Interior and door made of ceramic fibre, resistant and durable (No asbestos). Heater situated at the side and bottom of the chamber.

USB output.

## CONTROL PANEL

### General

- Main switch.
- TFT touch screen 4.3".
- Clock calendar.
- Two working modes, normal or programming.
- SPA - FRE - ENG menu.
- Self-test on starting.
- Temperature control auto-tuning.
- °C/°F selection.

Type K probe.

### Normal mode

- Set point temperature selection
- Up ramp.
- Stability time from 1 min to 99h or continuous.

### Programming mode

- 10 profiles capacity.
- 6 segments per profile.
- Stability time in each segment from 1 min to 99h (or continuous in the last segment)
- Up ramps between segments.
- Daily - weekly On / Off programming.



Temperature ramps graph

### Alarms

- Network failure detection alarm.
- Probe error detection alarm.
- Over temperature and low temperature alarms.
- Visual audible warning alarms.
- Up to 100 alarms storage (date, start time, end time and alarm type).

### Datalogging

- Datalogging memory up to 15000 data.
- Logging interval from 5 seconds to 30 min.
- Data download via USB.

## ACCESSORIES

- Must be factory installed.
- Exterior extractor tube.**  
 Located at the furnace back with a ventilator motor to extract gases and vapours.  
 Gases and Vapours can be extracted outside through the connecting tube.  
 Power: 20 W.  
 Part No. **2000370**



MODEL	Part No.	Capacity litres	Height / Width / Depth (interior) cm			Height / Width / Depth (exterior) cm			Power W	Weight Kg
N-3	2000368	3	11.5	12.5	20	43	34	47	1700	18
N-8	2000369	8	13	20	30	51	44	56	1800	28

Supplied complete with a refractory ceramic tray as a base and support for material to be assayed.