



Laboratory Equipment Pty Ltd

DETERMINATION OF COMBUSTION LOSS FURNACE



L 9/11/SW - LT 9/12/SW

This complete system, with a furnace, integrated precision scale, and software, was designed especially for combustion loss determination in the laboratory. The determination of combustion loss is used in a variety of technical processes for the evaluation of results. The difference between the initial total mass and the combustion residue is the combustion loss. During the process, the software included records both the temperature and the weight loss.

- Ceramic heating plates with integral heating element which is safeguarded against fumes and splashing, and easy to replace.
- Highly durable cured vacuum fibre module lining
- Casing made of sheets of structured stainless steel (non-rusting design)
- Optional fold-down door (L) which can be used as work platform or lift door (LT) with hot surface facing away from the operator.
- Adjustable working air inlet in the door
- Exhaust air outlet in rear wall of furnace
- Silent solid-state power control relay
- Delivery includes base, ceramic plunger with base plate in the furnace interior, precision scale and software package
- 3 scales available for different maximum weights and scaling ranges
- Software for documentation of the temperature curve and combustion loss using a PC

Additional Equipment: Vent, vent with fan or catalytic converter .Over-temperature limit controller with adjustable cut-out temperature for thermal protection class 2 in accordance with EN 60519-2 as temperature limiter to protect the oven and load

Specifications

Model	L9/11/SW	L9/12/SW	LT9/11/SW	LT9/12/SW
Int. Dim. (mm) WxDxH	230x240x170			
Ext. Dim. (cm) WxDxH	489x550x800		489x550x800+290	
Temp. Max	1100°C	1200°C	1100°C	1200°C
Minutes to temp Max	75	90	75	90
Capacity (L)	9			
Power (W)	3,0			
Weight (kg)	55			

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