

### Ashing Furnace 1100°C



- Maximum operating temperature 1100°C
- Chamber capacities of 3, 7 or 18 litres
- Robust mullite muffle design of 3 & 7 litre models and silicon carbide tiles of 18 litre model offer strong resistance to carbon build up and chemical attack
- Constant airflow of 4-5 volume changes per minute ensures rapid combustion
- Pre-heated airflow to maintain excellent temperature uniformity
- 3 & 7 litre models supplied with inconel tray & handle for easy loading/unloading
- Tall chimney for fume exhaust by convection
- Vertical counter-balanced door keeps hot door insulation away from operator
- Positive break door safety switch isolates chamber from power supply, when the door is opened
- Double skinned construction allows convection air flow to cool the outer case, to conform to EN61010 safety standard
- Choice of PID controller or programmers
- Pictured left are 3 & 7 litre models

### Technical specification information for Ashing furnace

Model	LABF/3	LABF/7	LABF/18
Maximum operating temperature (C)	1100	1100	1100
Internal dimensions (h x w x d)	90x150x250mm	90x170x455mm	235x196x400mm
External dimensions (h x w x d) excluding chimney	580x370x485mm	650x430x740mm	705x505x675mm
Nominal heat up time (minutes)	80 (Approx)	110 (Approx)	60 (Approx)
Uniform envelope + 10oC (h x w x d)	50x100x100mm	55x140x260mm	Not available
Holding power @ 1000°C (W)	1200	2300	3500
Maximum power (W)	2000	3900	7000
Temperature sensor	Type K Thermocouple		
Net weight (kg)	22	63	70