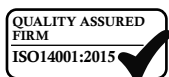
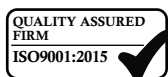


Medical



LABMASTER 25

The LABMASTER 25 is our most compact medical incinerator, ideal for the disposal of laboratory and hospital waste.



One of our smallest low capacity machines within our family of incinerators with a front loading design. The Addfield Labmaster 25 is a 10kg capacity incinerator ideal for safe disposal of medical waste including laboratory, clinical and hospital, with a chamber volume of 0.04m³.

The machine is made from lightweight, durable materials making it a more versatile machine that can be trailer mounted and used as a mobile incineration unit.

Machine Specification

External L x W x H (mm)	570 x 566 x 1486/3036
Internal L x W x H (mm)	320 x 320 x 415
Chamber Volume (m ³)	0.04
Weight (approx tonnes)	0.25
Max Load Capacity (kg)	10
Nominal Burn Rate	<10
Door Aperture	280 x 280
Thermal Capacity (kW)	48
Power Supply 50/60 hz (three phase)	210 - 230v <small>(single phase 110-120v on request)</small>
Fuel Types	Diesel, LPG, N-Gas
Control Panel	AIC

*We reserve the right to change the specification, dimensions and quality of materials from time to time, so long as the alteration is minor or an improvement to the said product.

Primary Chamber

- Fully insulated internal lining with a total thickness of 75mm. 50mm hot face concrete lining and 25mm block insulation board lining, with a coated protective zirconia paint finish.
- Manually opening, securely locking, access lid.
- Automatic temperature controlled on-off waste ignition burner complete with internal air fan.
- Secondary combustion burner air fan, automatically controlled distribution to its designated area.
- One temperature sensor mounted point.

Secondary Chamber

- Fully insulated internal refractory lining. Constructed from 80mm high grade, low thermal mass insulation.
- One secondary chamber burnout burner, temperature controlled on-off, complete with air fan.
- Integrated combustion burner air fan with automatically controlled distribution to its designated areas.
- One temperature sensor mounting point at the top of the chamber, ensuring the chamber reaches the necessary 850°C/1100°C minimum.

Waste Type

	Clinical Waste	✓
	Treated Waste	✓
	Anatomical Waste	✓
	Cytotoxic & Cytostatic Waste	✓
	Offensive/Hygiene Waste	✓
	Medicinal Waste	✓
	Domestic (municipal) Waste	✓

Medical

LABMASTER 25



Waste Loading and De-Ashing

The Labmaster 25 is our most compact incinerator, with a maximum load capacity of 10kg. Once the process of incineration has been completed, the removal of the ash residue can be extracted using a shovel or spade.

The ash residue left will be 3-5% from the original waste entered into the machine. This remaining ash can then be disposed of safely following local environmental guidelines.

The Addfield Difference

- Pre-fabricated robust mild steel casing, seam welded and suitably stiffened/ braced where necessary.
- Lightweight resilient refractory fibre insulated door, providing a tight seal, giving excellent thermal efficiency.
- Primary and secondary chamber lining thickness 75mm.
- Premium paint finish - Steel structures are painted using a two-pack high grade paint system.
- Multi-layered refractory lining using cast concrete and insulation board, improving thermal efficiency.



Additional Operation Equipment



Spares Kit

Our machines are designed to be easily maintainable with the majority of the consumable parts designed to be able to be changed without requiring a service engineer visit. Phone call assistance is also available.



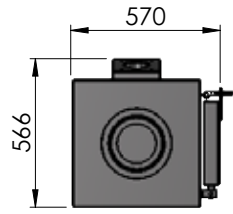
Fuel Tank

Allowing you to operate the incinerator in all locations as well as providing a backup to your traditional supply. Available in 1000 to 5000 litre capacity. Fuel can be safely stored and monitored in close proximity to your incinerator.



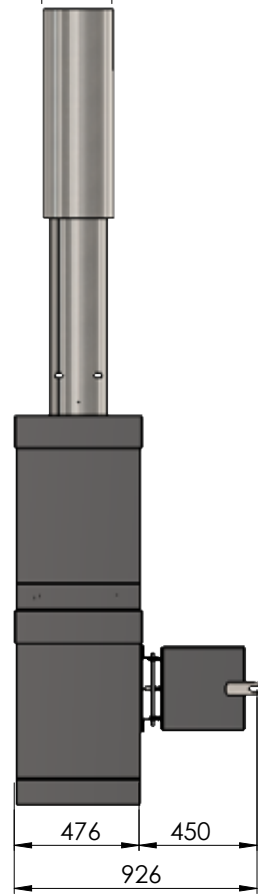
Control Panel

Specially designed control panels, to manage your incineration. Pre-programmed and able to be manually adjusted for optimal results. Push button and touch screen control with optional data logging system.

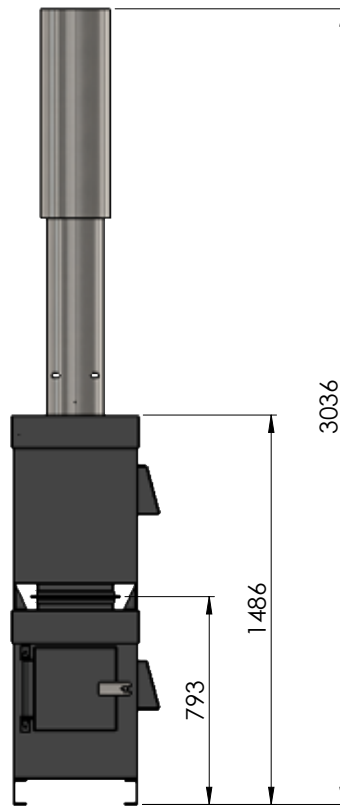


PLAN VIEW

Ø 268



SIDE VIEW
DOOR OPEN



FRONT VIEW



ISOMETRIC VIEW

MATERIAL: N/A	FINISH: N/A
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WEIGHT: 355Kg



THIRD ANGLE PROJECTION
(UNLESS STATED OTHERWISE)

TOLERANCES UNLESS OTHERWISE STATED

FABRICATION	MACHINING	ANGULAR
2 to 30 ± 1	0.5 up to 3 ± 0.05	up to 400 ± 45'
>30 up to 120 ± 2	>3 up to 6 ± 0.05	>400 up to 1000 ± 30'
>120 up to 400 ± 2	>6 up to 30 ± 0.1	>1000 ± 20'
>400 up to 1000 ± 3	>30 up to 120 ± 0.15	
>1000 up to 2000 ± 4	>120 up to 400 ± 0.2	
>2000 up to 4000 ± 6	>400 up to 1000 ± 0.3	
>4000 up to 8000 ± 8	>1000 up to 2000 ± 0.5	
>8000 up to 120000 ± 10	>2000 up to 4000 ± 0.5	
>12000 up to 160000 ± 12		
>16000 up to 200000 ± 14		
>20000 ± 16		

addfield
Incinerate • Cremate

T: +44 (0)1543 571 280
F: +44 (0)1543 571 173
E: sales@addfield.com
www.addfield.com

Addfield Environmental Systems LTD
Unit 9, Zone 4
Burntwood Business Park
Staffordshire
WS7 3XD

PROJECT:
**STANDARD -
LABMASTER 25**

TITLE:
LABMASTER 25 GA

DATE	DRAWN	CHECKED	APPROVED	DATE	DRAWN	CHECKED	APPROVED	DATE	DRAWN	CHECKED	APPROVED	DATE	DRAWN	CHECKED	APPROVED	DATE	DRAWN	CHECKED	APPROVED	
												05/03/2020	A.SINGH							
COMMENTS																				
ISSUE FOR MANUFACTURE																				

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DRAWING No. 46-001-002	REV -
SHEET 1 OF 1	SCALE: 1:20
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