

# Multi-Lab

## MB150



- Acest model este recomandat pentru clinice sanitare, veterinare si ferme mici, fiind o metoda eficienta si ieftina de a scapa de reziduri fara problemele legate de poluare.

### Caracteristici si avantaje

- ✗ **Complet automat** operat printr-un panou de control
- ✗ Complet izolat
- ✗ Tehnologie de ultima generatie
- ✗ Fara fum sau mirosuri
- ✗ Monitorizare permanenta a temperaturii
- ✗ Optional: carcasa din otel inoxidabil
- ✗ Optional: sistem de recuperare al caldurii
- ✗ Optional : semineu pana la 6000mm

## MB240



- Acest model este cu incarcare prin partea superioara ideal pentru ferme, clinici sanitare, clinici veterinare si micile abatoare.
- Printre utilizatorii uzuali se numara fermele de porci, oi si pescariile. Avantajul principal este gradul mic de poluare al acestui incinerator.
- Designul acestui model economiseste spatiu si costurile destinate depozitarii reziduurilor.

### Caracteristici si avantaje

- ✗ **Complet automat** si usor de utilizat
- ✗ Orificiu mare de alimentare
- ✗ Tehnologie de ultima generatie
- ✗ Posibilitate de reglare a timpului
- ✗ Complet izolat
- ✗ Asigura arderea completa a rezidului
- ✗ Fara fum sau miros
- ✗ Optional carcasa din otel
- ✗ Optional inregistrarea automata a temperaturii
- ✗ Optional sistem de recuperare a caldurii
- ✗ Optional : semineu pana la 6000mm



## MB240F

- Acest model este preferat de clinici, fermele de pasari, animale, piscicole si micile abatoare.
- Designul acestui model economiseste spatiu si costurile destinate depozitarii reziduurilor.

### Caracteristici si avantaje

- ✗ **Complet automat** si usor de utilizat
- ✗ Orificiu mare de alimentare
- ✗ Posibilitate de reglare a timpului
- ✗ Complet izolat
- ✗ Asigura arderea completa a rezidului
- ✗ Optional carcasa din otel
- ✗ Fara fum sau miros
- ✗ Optional inregistrarea automata a temperaturii
- ✗ Optional sistem de recuperare a caldurii
- ✗ Optional : semineu pana la 6000mm

## MB350



- Acest model este recomandat fermelor cu populatii mari, asigurand o capacitate de ardere a deseurilor superioara.
- Designul acestui model economiseste spatiu si costurile destinate depozitarii reziduurilor.

### Caracteristici si avantaje

- ✗ **Complet automat** si usor de utilizat
- ✗ Orificiu mare de alimentare
- ✗ Posibilitate de reglare a timpului
- ✗ Complet izolat
- ✗ Asigura arderea completa a rezidului
- ✗ Fara fum sau miros
- ✗ Optional carcasa din otel
- ✗ Optional inregistrarea automata a temperaturii
- ✗ Optional sistem de recuperare a caldurii
- ✗ Optional : semineu pana la 6000mm

## MB450

- Modelul acesta este dotat cu un orificiu de acces prin care alimentarea si evacuarea cenusei se face usor indiferent de volumul de deșeu ars.
- Este recomandat in special pentru abatoarele si fermele de pasari, vaci si porci.
- Datorita designului special aerul patrunde in camera de ardere unde se amesteca cu combustibilul pentru un maxim de productivitate a arderii.

### Caracteristici si avantaje

- ✗ **Complet automat** si usor de utilizat
- ✗ Orificiu mare de alimentare
- ✗ Posibilitate de reglare a timpului
- ✗ Complet izolat
- ✗ Asigura arderea completa a rezidului
- ✗ Fara fum sau miros
- ✗ Optional caracsa din otel
- ✗ Optional inregistrarea automata a temperaturii
- ✗ Optional sistem de recuperare a caldurii
- ✗ Optional : semineu pana la 6000mm

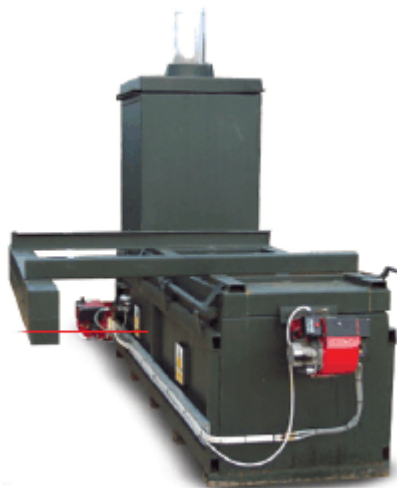
## MB450C

- Modelul acesta se recomanda fermelor de animale, pasari si altor ferme cu populatii mari.
- Designul acestui model economiseste spatiu si costurile destinate depozitarii reziduurilor.

### Caracteristici si avantaje

- ✗ **Complet automat** si usor de utilizat
- ✗ Orificiu mare de alimentare
- ✗ Posibilitate de reglare a timpului
- ✗ Complet izolat
- ✗ Asigura arderea completa a rezidului
- ✗ Fara fum sau miros
- ✗ Optional caracsa din otel
- ✗ Optional inregistrarea automata a temperaturii
- ✗ Optional sistem de recuperare a caldurii
- ✗ Optional : semineu pana la 6000mm

# Multi-Lab



## MB750

- Modelul este dotat cu o platforma pe care se introduc deseurile si se elimina cenusa extrem de usor.
- Modelul este recomandat fermelor mari si abatoarelor cu capacitate mare de productie.
- Datorita designului aerul patrunde in camera de ardere si se amesteca cu combustibilul pentru un maxim de productivitate a arderii.

### Caracteristici si avantaje

- ✗ **Complet automat** si usor de utilizat
- ✗ Orificiu mare de alimentare
- ✗ Posibilitate de reglare a timpului
- ✗ Complet izolat
- ✗ Asigura arderea completa a rezidului
- ✗ Fara fum sau miros
- ✗ Optional caracsa din otel
- ✗ Optional inregistrarea automata a temperaturii
- ✗ Optional sistem de recuperare a caldurii
- ✗ Optional : semineu pana la 6000mm

## MB1200



Modelul este recomandat fermelor de animale si pasari cu populatie mare asigurand o capacitate mare de incinerare.  
Designul acestui model economiseste spatiu si costurile destinate depozitarii reziduurilor.

### Caracteristici si avantaje

- ✗ **Complet automat** si usor de utilizat
- ✗ Orificiu mare de alimentare
- ✗ Posibilitate de reglare a timpului
- ✗ Complet izolat
- ✗ Asigura arderea completa a rezidului
- ✗ Fara fum sau miros
- ✗ Optional caracsa din otel
- ✗ Optional inregistrarea automata a temperaturii
- ✗ Optional sistem de recuperare a caldurii
- ✗ Optional : semineu pana la 6000mm

# Multi-Lab



## **MODEL ML-A200 INCINERATOR - 100 kg Capacity (0.18 m<sup>3</sup>)**

The Model A200 is the smallest incinerator in our range.

The primary chamber is highly durable and made from steel and high temperature refractory cement lining.

The unique design of the primary chamber ensures even incineration of waste material and also provides a secondary burn characteristic because the smoke and emissions are forced through the primary burner flame before exiting into the stack.

Installation and maintenance is very simple.

The A200 incinerator is available in 4 versions, including the standard model, the A200(Sec) which has a high temperature secondary burner / chamber, the A200(A) which has a 2 second gas retention time and the A200(A)2 which has a 2 second gas retention time and secondary burner, suitable for special risk materials.



## **MODEL ML-A400 INCINERATOR - 200 kg Capacity (0.36 m<sup>3</sup>)**

The Model A400 is the mid-range incinerator suitable for a variety of uses.

The primary chamber is highly durable and made from steel and high temperature refractory cement lining.

The unique design of the primary chamber ensures even incineration of waste material and also provides a secondary burn characteristic because the smoke and emissions are forced through the primary burner flame before exiting into the stack.

Installation and maintenance is very simple.

The A400 incinerator is available in 4 versions, including the standard model, the A400(Sec) which has a high temperature secondary burner / chamber, the A400(A) which has a 2 second gas retention time and the A400(A)2 which has a 2 second gas retention time and secondary burner, suitable for special risk materials.



## **MODEL ML-A600 INCINERATOR - 300 kg Capacity (0.56 m<sup>3</sup>)**

The Model A600 is another mid-range incinerator suitable for a variety of uses.

The primary chamber is highly durable and made from steel and high temperature refractory cement lining. It also benefits from a front ash removal door.

The unique design of the primary chamber ensures even incineration of waste material and also provides a secondary burn characteristic because the smoke and emissions are forced through the primary burner flame before exiting into the stack.

Installation and maintenance is very simple.

The A600 incinerator is available in 4 versions, including the standard model, the A600(Sec) which has a high temperature secondary burner / chamber, the A600(A) which has a 2 second gas retention time and the A600(A)2 which has a 2 second gas retention time and secondary burner, suitable for special risk materials.



## **MODEL ML-A850 INCINERATOR - 400 kg Capacity (0.75 m<sup>3</sup>)**

The Model A850 is a large incinerator suitable for a variety of uses.

The primary chamber is highly durable and made from steel and high temperature refractory cement lining. It also benefits from a front ash removal door.

The unique design of the primary chamber ensures even incineration of waste material and also provides a secondary burn characteristic because the smoke and emissions are forced through the primary burner flame before exiting into the stack.

Installation and maintenance is very simple.

The A850 incinerator is available in 4 versions, including the standard model, the A850(Sec) which has a high temperature secondary burner / chamber, the A850(A) which has a 2 second gas retention time and the A850(A)2 which has a 2 second gas retention time and secondary burner, suitable for special risk materials.

Our latest range of units lend themselves in particular to large animal carcasses such as pigs, horses or cattle. All of the large model range have the benefit of full length top loading, counterbalanced doors for ease of loading large carcasses or other waste.

The operation of these incinerators is very simple and can be achieved with very little training. Our control panels are simple but very effective.

We can also supply heat exchanger units to fit to all of these models which can produce 10,000 litres of hot water every hour.

We can also modify the capacity or burn rate of any of these large incinerator to suit customer requirements.



## **MODEL ML-A1600 INCINERATOR - 750 kg Capacity (1.18 m<sup>3</sup>)**

One of the unique features of this range is the full width counterbalance loading door allowing easy access to the main chamber for loading and removing ash.

The design of this model ensures extra air is drawn into the main chamber aiding primary combustion to ensure the efficient disposal of carcasses at minimum cost. The model also benefits from a 2 second gas retention time at 850 deg C or above.



The construction of the incinerator is with heavy-duty anodised steel and highly durable refractory cement lining (up to 10cm width). The secondary chamber is constructed of the same material and also incorporates some of the main chamber volume in order to achieve the desired residence time.

The Model A1600 incinerator is also available in a 'High Fire' (HF) version and can produce a burn rate of over 150 kg per hour at very low fuel consumption rates. Installation and maintenance is very simple. The incinerator is designed in such a way that it is 90% complete when delivered on site.



## **MODEL ML-A2600 INCINERATOR - 1200 kg Capacity (1.18 m<sup>3</sup>)**

One of the unique features of this range is the full width counterbalance loading door allowing easy access to the main chamber for loading and removing ash.

The design of this model ensures extra air is drawn into the main chamber aiding primary combustion to ensure the efficient disposal of carcasses at minimum cost. The model also benefits from a 2 second gas retention time at 850 deg C or above.

A unique air damper allows for extra air when needed, thus increasing combustion without smoke.

The construction of the incinerator is with heavy-duty anodised steel and highly durable refractory cement lining (up to 12cm width). The secondary chamber is constructed of the same material and also incorporates some of the main chamber volume in order to achieve the desired residence time.



The Model A2600 incinerator is also available in a 'High Fire' (HF) version and can produce a burn rate of over 300 kg per hour at very low fuel consumption rates. Installation and maintenance is very simple. The incinerator is designed in such a way that it is 90% complete when delivered on site.

# Multi-Lab



## **MODEL ML-60 INCINERATOR - 60 kg Capacity (0.13 m<sup>3</sup>)**

The Model 60 is the latest development in the ML-INCINER range of incinerators. The incinerator is suitable for many specialist jobs including animal waste, clinical / medical waste, and business waste. The design features a grill within the primary chamber, an ash removal door and a high temperature secondary chamber. The design is robust and cost-effective and is available worldwide. The unit can be despatched 100% complete and even made portable if required for a minimal charge. A heat exchanger system is also available with this incinerator.



## **MODEL ML-P16—MEDICAL INCINERATOR - 200 kg Capacity (0.47 m<sup>3</sup>)**

The P16 is designed to burn Type IV pathological waste and infectious and contaminated "red bag," surgical dressings, plastic test devices and other wastes. Heavy duty ceramic grates allow burning from below and ensure that the ash is re-treated. A Concave refractory bottom acts as a hearth for waste that falls through grate openings. The secondary chamber is insulated and refractory lined with exit temperatures of up to 1000 deg C. Factory assembled, aluminized steel jacket lined with refractory and firebrick. Large counter-balanced fill door with electrical lockout. Automatic control system provides preset burn times and shut off.



## **MODEL ML-P25—MEDICAL INCINERATOR - 300 kg Capacity (0.65 m<sup>3</sup>)**

The P16 is designed to burn Type IV pathological waste and infectious and contaminated "red bag," surgical dressings, plastic test devices and other wastes. Heavy duty ceramic grates allow burning from below and ensure that the ash is re-treated. A Concave refractory bottom acts as a hearth for waste that falls through grate openings. The secondary chamber is insulated and refractory lined with exit temperatures of up to 1000 deg C and one (1) second retention with model M1. Factory assembled, aluminized steel jacket lined with refractory and firebrick. Large counter-balanced fill door with electrical lockout. Automatic control system provides preset burn times and shut off.



## **MOBILE INCINERATORS - Various Capacities**

Our latest range of mobile units lend themselves to a variety of uses, whether it is for shared facilities, camps, farms or even for disease control (Avian Influenza) in remote areas. One of the unique features of this range is the natural secondary burn characteristics of the primary chamber. The design of this model ensures extra air is drawn into the main chamber aiding primary combustion to ensure the efficient disposal of waste or carcasses at minimum cost. These units are the highest standards for waste disposal, and benefit from being extremely durable for a long working life.

The Mobile range of incinerators have options for larger fuel tanks and generator sets. The control panel is set up for easy use and will automatically shut off when the required incineration time is completed.

The trailer is rated to carry up to 2700kg, therefore there is plenty of additional space to carry extra items of equipment including generator sets, fuel and any other equipment. The trailer itself has fixed headboard and sides with the choice of a drop tailboard or a loading ramp (as shown opposite). Chassis, framework and panels are galvanized for maximum durability. The platform is Steel plated. Commercial rated tyres fitted for their high carrying capacity and strength.

