

# Multi-Lab



ML-INCINER is the worlds largest supplier of incinerators, with sales in over 90 countries throughout the world.

We pride ourselves on the level of customer support we provide through our vast network of dealerships and agents. Our philosophy is to continually improve our technology in line with the growing needs of the environment and our customers.

All of our incinerators are constructed to the highest standards for durability, usability and safety.

The design of the incinerators make them ideal for export because of their simple installation and operating requirement. The incinerators are also designed to produce the highest possible combustion rate from the smallest

One of the main features of our incinerators range is that they burn virtually smoke and smell free without the need for a secondary burner because of their patented internal design. Not only do we supply a range of incinerators in many different sizes but we are now able to make them all fully mobile and self contained. Our Incinerators are delivered to your site 90% completed for very easy installation.

## Key Features:

- ⇒ Virtually smoke & smell free
- ⇒ High temperature, refractory lining giving excellent heat retention
- ⇒ Quick heat up times & high burn rates of up to 300kg per hour.
- ⇒ Easy installation and maintenance– installation manual/ DVD provided.
- ⇒ One year warranty and full access to technical backup and support via telephone.
- ⇒ Compliance with the EU ABPR 1774/ 2002
- ⇒ CE Certified
- ⇒ Worldwide coverage.



## Key Sales Areas

The main uses of our incinerators vary between the wide variety of models we have to offer. Our incinerators are designed to burn all kinds of waste, for example...

Medical  
Poultry  
Pig farm  
Wood / paper  
Camp Waste

Veterinary  
Sheep  
Kennels  
Industrial waste  
Catering Waste



Certificate No. 6596

# 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.

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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 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 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.



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## **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.

