

# Portable Electric Incinerator

## ALTERNATIVE WASTE DISPOSAL SOLUTIONS

### What do you do with your waste?

- Burying or burning??
- What will cause a more harmful, overall effect to the environment?
- What is current negative & positive thinking?

### What might you think is the best to do?

- LAND-FILL or
- INCINERATION ?

#### LAND- FILL

- Recognised as releasing methane into the atmosphere that is many more times more harmful than CO<sub>2</sub> from Incinerators.
- Certain wastes will poison ground water & transporting to LF site can be an issue.

#### INCINERATOR

- Secure on-site burning provides control of the waste.
- Modern designs compliant environmentally
- 3T's design using Time, Temperature & Turbulence.
- High temperature operation
- Clean gas emissions
- + 95% waste reduction
- Clean inert ash residue

## TURBO BURN RC08 INCINERATOR



### HOW THE TURBO BURN RC08 UNIT OPERATES UNDER A PLC SYSTEM

#### “SAFETY ISSUES” ARE ANSWERED!!

UNDER PLC CONTROL, THE UNIT WILL AUTOMATICALLY SWITCH OFF AT THE END OF A BURN CYCLE. LIGHTS SHOW THAT THE UNIT IS EITHER HOT (RED) OR SAFE TO HANDLE (GREEN) WHEN TEMPERATURES ON THE TOP PLATE DROP TO A VERY SAFE TEMPERATURE.

WITH THE INTAKE OF FORCED EXCESS AIR ENTERING INTO THE SECONDARY CHAMBER IN A DOWN DRAFT, CYCLONIC METHOD AN EFFECTIVE, 2 STAGE, COMBUSTION PROCESS OCCURS.

THIS RESULTS IN VERY HIGH TEMPERATURES EXITING THE UNIT GIVING VERY CLEAN EMISSIONS WITH A HIGH BURNING RATE FOR SUCH A SMALL LOW COST, PORTABLE DESIGN OF INCINERATOR .

THIS DESIGN PROVIDES A “BEST METHOD” ENVIRONMENTAL ANSWER FOR THE CLEAN DESTRUCTION OF A WIDE VARIETY OF COMBUSTIBLE WASTES IN REMOTE LOCATIONS:

#### DESIGN FEATURES INCLUDE:

- “OPERATOR SAFETY” ENHANCED WITH A PLC TEMPERATURE CONTROL SYSTEM.
- EASY LOADING OF WASTE, LIGHTING, & HANDLING. STRUCTURALLY STRONG HINGED TOP PLATE.
- SECONDARY COMBUSTION CHAMBER & IS MADE OF HIGH TEMPERATURE STAINLESS STEEL.
- POWDER COATED TROLLEY ASSEMBLY & INSULATED HEAT SHIELD.
- STAINLESS STEEL GRATE INCLUDED.
- TWO HIGH OUTPUT AIR BLOWERS, COLOUR TOUCH SCREEN, PLC & POWER CABLE FOR 10AMP, 1PHASE OPERATION.
- SUPPLY OPTIONS: UNIT SUPPLIED FULLY ASSEMBLED WITH STD. BURN DRUM OR NOT ASSEMBLED & NO BURN DRUM. STAINLESS STEEL BURN DRUM IS AVAILABLE.
- MINIMAL COMPONENTS THAT NEED SERVICE OR MAINTENANCE.
- OUTLET TEMPERATURES UP TO 1100°C.
- FAST BURNING OPERATION WITH UP TO 98% WASTE REDUCTION, INERT ASH & NO SMOKE EMISSIONS.
- O & M MANUAL IS PROVIDED.
- 1 YEAR PRODUCT WARRANTY ON WORKMANSHIP & MATERIALS.

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## PRODUCTS

Scholer Industries has developed a range of quality incinerators starting from small portable units using excess forced air, through to larger controlled air units with fully automatic operating systems, specially designed after burner chambers to destroy any volatile waste gases.

## AUSTRALIAN MADE

Scholer Industries Pty. Ltd. is proud to be Australian owned and operated, producing a quality range of incinerators.

## PRODUCT SPECIALISTS

Scholer Industries caters for the waste destruction requirements of some of the largest companies in the world.

## Suitable waste for burning

Waste classified as non-hazardous (when burnt).

Such non-hazardous waste may include but not limited to:

- Packaging such as waste paper & Cardboard.
- Solid fuels such as Timber.
- Select plastics and polymers such as packaging materials.
- Oil/grease impregnated rags and oil soaked absorbents.
- Oil filter cartridges.
- Hydrocarbon waste (e.g. waste oil, diesel and grease)
- Narcotic drugs and some pharmaceutical products
- Small animal carcasses (e.g. poultry, birds, cats, marine etc.)
- Hospital, Medical & Bio-medical waste.
- Confidential document.



## System Information

• Burning Capacity	18- 45kg per Hour	
• Chamber Capacity	200L Steel Drum (Drum Not Included)	
• Control System	Insulated Stainless Steel Housing	
• Electrical	220-240V 10A 50Hz 1 Phase	
• Trolley Assembly	Powder Coated Steel Frame (Grey)	
• Housing Assembly	Stainless Steel 304 Rolled	
• Packaged	Standard:	Assembled (with Drum)
	Width	78 cm      78 cm
	Length	105 cm      110 cm
	Height	68 cm      100 cm
	Weight	82 kg      100 kg's

## SERVICES AVAILABLE

Technical Support  
Installation  
Commissioning  
Maintenance  
Servicing  
Workmanship Warranty  
Project Management  
Design & Development

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