



P25 & P25-M1 Series **ANIMAL CREMATORY SYSTEMS**

Shenandoah

- *How is your facility managing animal carcasses?*
- *Do you have waste management under control?*
- *How much do you spend each year to have carcasses hauled to landfills?*
- *How long will these sites be available? And at what future cost?*
- *Who is ultimately responsible for proper carcass disposal?*

One simple solution to animal carcass disposal

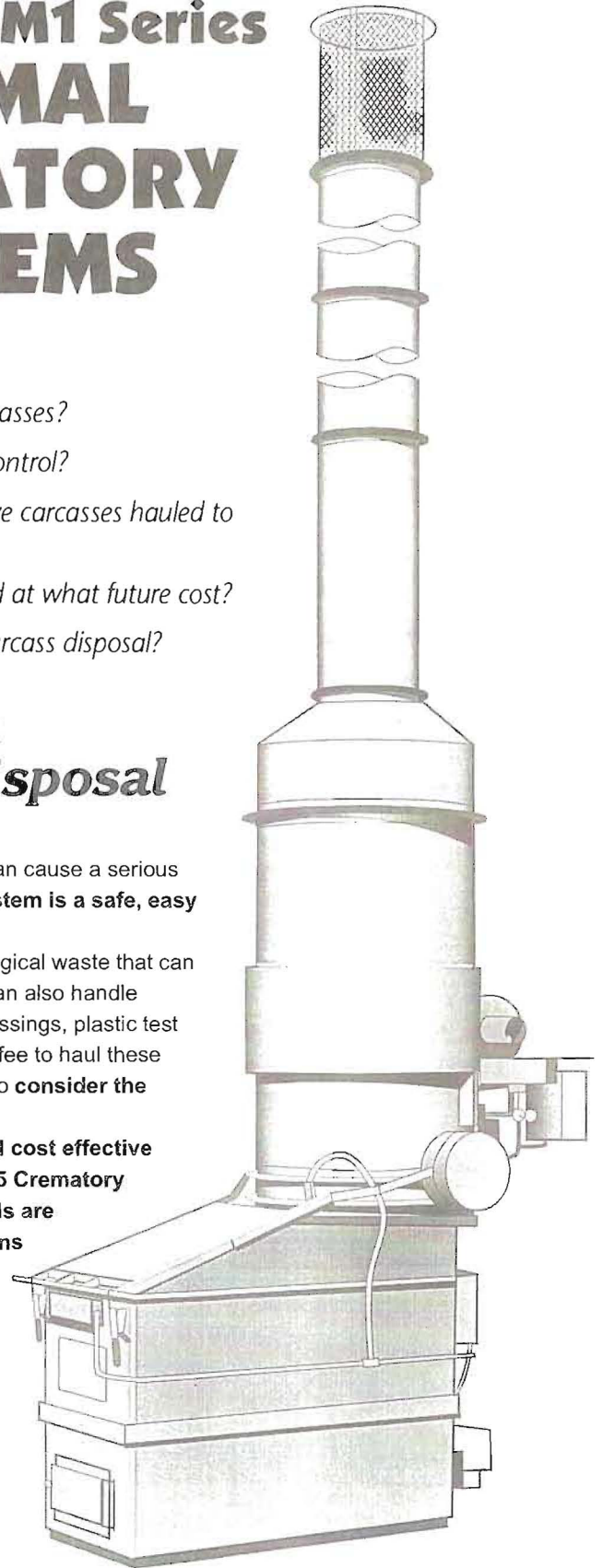
Animal carcasses generated at your facility can cause a serious disposal problem. **A Shenandoah Crematory System is a safe, easy and economical solution.**

The P25 is designed to burn Type 4, pathological waste that can and should be destroyed on-site. Certain models can also handle infectious and contaminated "red bag," surgical dressings, plastic test devices and other wastes. If you are paying a high fee to haul these waste materials to a disposal site, now is the time to **consider the on-site cremation alternative.**

On-site cremation is a thorough, fast, and cost effective way to dispose of carcasses. Shenandoah's P25 Crematory System destroys pathogens. Our various models are engineered to meet strict air emission regulations without offensive smoke or odor.

We have earned the reputation of making quality products that are:

- ***easy to install and operate.***
- ***very affordable.***
- ***extremely durable.***
- ***backed by knowledgeable and friendly service.***



Benefits and Features of Shenandoah's P-25 Series

Fast, complete, efficient waste disposal

- Heavy duty ceramic grates allow burning from below.
- Concave refractory bottom acts as a hearth for waste that falls through grate openings.
- Insulated and refractory lined secondary chamber with exit temperatures of up to 1800°F and dwell times that comply with air quality regulations.

Minimum installation and start-up time

- Factory assembled, aluminized steel jacket lined with refractory and firebrick.
- Monitors, recorders and other accessory equipment available.

Easy and safe operation

- Large counter-balanced fill door with electrical lockout.
- Automatic control system provides preset burn times and shut off.
- Reload light indicates to operator when it is time to recharge.

Low energy consumption levels

- Programmable digital temperature controls maintain temperature, assuring complete combustion while conserving fuel.
- Pressure blower with modulating air control creates turbulence and distributes combustion air to secondary chamber.
- Secondary burner with temperature-activated modulating control provides fast preheat and sustains high temperature performance at low energy consumption levels.

Specifications Summary

	P25	P25-M1	<small>General reference only. Not intended for installation purposes.</small>	
Weight	7500 lbs. (approx.)	9400 lbs. (approx.)		
Primary chamber volume (above grates)	23 cu. ft.	23 cu. ft.		
Primary chamber dimensions (internal)	24.5" wide x 28.5" high x 60" long	24.5" wide x 28.5" high x 60" long		
Fill door opening	24" x 28"	24" x 28"		
Ash door opening	8" x 16"	8" x 16"		
Secondary chamber dwell time	.3 second	1 second		
Secondary chamber preheat	1400°F	1800°F		
Secondary chamber operating temperature	1800°F, with waste burning	1800°F		
Overall dimensions w/ stack & burners	4' wide x 23' high x 7.5' long	5' wide x 25.2' high x 8.5' long		
Height to top of secondary chamber	9'2"	11'9"		
Height to fill door	45"	45"		
Diameter of secondary chamber	27" O.D.	38" O.D.		
Diameter of stack	18" O.D.	18" O.D.		
Suggested pad size	10 ft. x 12 ft. x 6" thick	10 ft. x 12 ft. x 6" thick		
Gas service	1,200,000 BTUH	1,600,000 BTUH		
Electrical service	115V 60Hz 30 amp	115V 60Hz 30 amp		
	LP Gas	Nat. Gas	LP Gas	Nat. Gas
Fuel Consumption*	4.0 GPH	400 CFH	6.0 GPH	600 CFH
Approximate BTUH:				
Upper Burner	800,000	800,000	1,200,000	1,200,000
Lower Burner	319,000	335,000	319,000	335,000

*Fuel consumption approximate. Actual fuel use depends on BTU content of waste. Consult factory for longer retention times or special requirements.



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Charging Rate

Pathological

Up to 1,200 pounds per ten-hour day of Type IV, pathological waste rated at 1,000 BTU's per pound.

Based on batch loading twice daily. Dependent upon reloading regulations. Additional time may be required for burnout of final charge.