

CFS-3000 Cremation Chamber

from *Cremation Systems*



Made in Illinois!

**CFS-3000
Cremation Chamber**

CFS-3000 Features Include:

- Automatic operation
- High efficiency refractory lining
- Recessed hot hearth design accommodates large cases, 1,000 lbs
- Cremation status can be sent via email
- Quick Change hearth tile system
- Emission monitoring
- Front loading and retrieval through extra-wide door, 54" wide
- 250 lbs per hour cremation burn rate
- Touch-screen digital controls
- PC-based data acquisition and storage
- Meets all applicable NFPA and UL standards
- Engineered for installation through an 9' high x 8' wide door opening
- Includes Fire Marshal monitoring system
- Tek Marshal internet retort diagnostics

General Dimensions:

Height: 8' 10"
Width: 6' 5½" without touch screen
7' 8½" with touch screen
Length: 15' 1"
Hearth area: 54" wide x 101" deep
Door opening: 54" wide x 31" high

Utility Requirements:

Natural gas: 1000 Btu/cu ft
3,380 CFH at 7" w.c. minimum
Electrical: 208/240 VAC, 1 phase, 60 amp
6 AWG wiring



The CFS-3000 comes standard with the **Fire Marshal** monitoring system.



Tek Marshal internet retort diagnostics is included with the CFS-3000.



Cremation Systems™

Division of Armil CFS, Inc.

15660 South LaSalle Street
South Holland, IL 60473

708-339-6810
Fax: 708-339-0517

www.cremsys.com

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Features and Benefits

- One-step, automatic operation:** The CFS-3000 utilizes advanced “Set Point Programming” to control temperature for a completely automatic cremation cycle.
- High efficiency refractory lining:** The CFS 3000 utilizes a combination of premium firebrick, cast and ceramic fiber refractories to provide an energy efficient lining.
- Quick Change hearth tiles:** The 3000 Quick Change hearth is a pre-cast and pre-fired refractory tile system. Quick Change tiles are in stock, minimizing cremator downtime by allowing timely hearth repairs.
- Automatic pollution monitoring:** The CFS-3000 opacity sensor monitors emissions, ensuring EPA requirements are met.
- Touch-screen digital controls:** Case data stored on a flash drive can be automatically sent to any PC or smart phone via email.
- Remote access via the Internet:** Remote access of cremator conditions via the internet for off-site monitoring and alarm notification.

- The CFS-3000:**
- Extra-wide door opening for easy loading and retrieval
 - Door system features a single air-cooled viewing port, spring-loaded/self-locking door latch to ensure safety, and hydraulic cylinders for door movement.
 - Control panel may be left or right side mounted, or provided separate for remote installation.
 - Meets or exceeds all applicable NFPA and UL standards.

Fire Marshal: The Fire Marshal monitoring system comes standard with the CFS-3000. Refer to Fire Marshal data sheet for additional information.

Tek Marshal: Internet retort diagnostics identify blown fuses, tripped relays, dirty smoke sensors, and other system functions, eliminating costly service calls.

Cremation Systems is a division of Armil CFS, Inc., manufacturer of high temperature process equipment since 1968. Armil CFS utilizes the finest combustion and control components, refractory and insulating materials to provide premium, high efficiency, low maintenance cremation equipment.

Members of:



National Funeral Directors Association



Cremation Association
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Illinois Funeral Directors Association

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