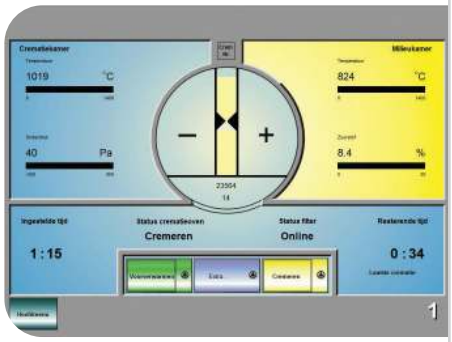
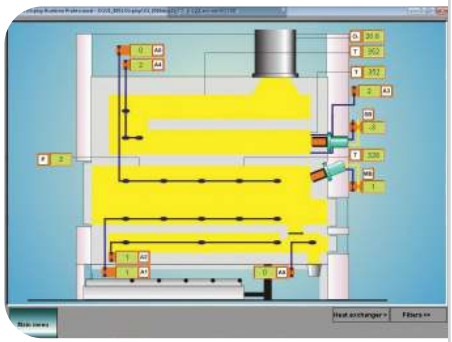
DFW Europe
Dulleweg 43
1721 PM Broek op Langedijk
The Netherlands
T: +31 (0)226 342909
info@dfweurope.com
www.dfweurope.com

DFW 6000 Cremator





When quality and reliability are required

Revolutionary

The *DFW 6000 Cremator* is an extremely compact cremator and the most commonly used of the entire DFW range. The gas consumption of the *DFW 6000* has been reduced to a minimum by locating the post-combustion chamber around the cremation chamber. The *DFW 6000* cremator is a hot-start cremator that can be supplied as a 'single-end' or 'double-end' version. This cremator is ideal for crematoria with an annual capacity of more than 800 cremations. In order to reduce installation time, the cremator is supplied fully assembled.

Automatic Charging Bier

The *DFW 6000* is a hot-start cremator and to ensure the safety of the operator it is supplied with a *fully automatic, integrated Charging Bier (AIM)*. The *DFW 6000* is designed so that the *AIM* can be fully housed within the cremator. This means the AIM can be entirely withdrawn from view when it is not being used *(see Automatic Charging Bier leaflet)*.

Easy Operation

The unique *DFW OMR* (Operation, Monitoring and Reporting) operating system makes it extremely easy to operate the cremator and any filter systems subsequently incorporated as well as the *AIM*. The *AIM* can be activated and the coffin automatically transferred by a few simple actions on the touch-screen. The cremation process can then start. These actions are stored in the system and displayed on the touch-screen. Any adjustments in the parameters of the cremation process can easily be made using the same touch-screen. We can also assist you remotely via a modem connection should any adjustments need to be made in the cremation process *(see Operating System leaflet)*.

Ash unit

An adjustable pull-out system brings the ash unit into an ergonomically safe position. This has made it considerably easier for operators to remove the ash container. The ease with which the operator can operate the cremator has now become an essential requirment.

Economic

The extremely reliable continuous measurement of oxygen, temperatures and any vacuum effect results in a constant process of cremation. As a result gas consumption with the *DFW 6000* is minimised making it extremely economical. The controlled cremation process keeps maintenance costs to a minimum.

High quality, low investment costs and good efficient performance, in respect of gas consumption, make the *DFW 6000* the right choice.

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DFW 6000 Technical Specifications

Dimensions:	
Total oven single-end	2,300 x 3,100 x 4,225 mm (wxhxl)
Total oven double-end	2,300 x 3,100 x 4,050 mm (wxhxl)
Cremation chamber	1,100 x 800 x 2,500 mm (wxhxl)
Post-combustion chamber	3.05 m^3
Duration in post-combustion chamber	> 2 sec.
Oven door	1,100 x 780 mm (wxh)
Total weight oven	16,500 kg

Fuel:	Natural gas / propane
Average gas consumption for 4 to 6 cremations	< 22.5 m^3 / cremation
Temperature post-combustion chamber	> 800/850 °C
Temperature cremation chamber before charging	800 °C

Capacity:	
Number of cremations per 8-hour working day	6
Cremation time	between 75 and 90 minutes
Maximum weight coffin	250 kg
Maximum dimensions coffin	1,050 x 600 x 2,300 mm (wxhxl)
Combustion air	± 1,600 Nm^3/h

Control:	
DFW Europe Operating system	DFW Europe's OMR (operating, monitoring, and control) system
Thermocouples	NiCrNi Type K
O^2 level post-combustion chamber	6% minimum
Oxygen measurement	Xendos 2700
Under pressure in cremation chamber	10-50 Pascal