

# HaloteC launches new generation Alcohol Fermentation Monitor at the 24th Annual International Fuel Ethanol Workshop Expo



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**Press Release Summary: HaloteC proudly announces the launch of the new Alcohol Fermentation Monitor during the 24th Annual International Fuel Ethanol Workshop Expo on June 16-19, 2008 at the Gaylord Opryland Resort & Convention Center in Nashville, Tennessee.**



Press Release Body: **HaloteC** launches new generation **Alcohol Fermentation Monitor** at the **24th Annual International Fuel Ethanol Workshop Expo**

Zoetermeer, The Netherlands, June 9, 2008

During the past decade, **HaloteC Instruments** in The Netherlands has been at the forefront of developing new, high tech solutions for challenges encountered in the dynamic world of industrial biotechnology. An important development is the [Alcohol Fermentation Monitor \(AFM\)](#).

## History

The development of this user-friendly and robust laboratory device started in 1998. The AFM has proven to be a valuable tool for companies and research institutes involved in bioethanol and potable alcohol production and general yeast research. With the current high market demand for easy to use, yet accurate screening devices

for yeast and feedstock, **Halotec** was devoted to the future of this machine and intensely enhanced the design and usability of the Alcohol Fermentation Monitor over the passed two years.

### **New Generation special features**

The new generation **AFM** is capable of performing six anaerobic yeast fermentations simultaneously. Conversion rates and yields are accurately measured as a function of feedstock, yeast strains or other process conditions such as medium temperature. The control software makes it possible compare results and generate advanced performance indicator reports with a single mouse click.

### **Hardware**

The **AFM** is constructed from robust stainless steel, is very easy to operate and clean and does not require any fermentation skills. Only standard laboratory glass-ware is used (250 ml or 500 ml flasks). Each of the six fermenter flasks can be started and stopped at any time; stirrer speeds and medium temperatures can be set or time programmed individually. The **AFM** is equipped with extremely strong magnetic stirrers, able to stir very viscous media such as lignocellulose hydrolysates that are commonly used for second generation bioethanol production.

### **Software**

The **AFM** is entirely operated with straightforward PC software, which allows for controlling all six fermenter flasks, store and retrieve experimental data, perform advanced data analysis and generate Microsoft Excel™ reports instantly. The software has been designed intuitively and can be mastered within ten minutes.

### **Launch on US market**

The new generation of the **AFM** will be introduced in the United States of America during the **24th Annual International Fuel Ethanol Workshop Expo on June 16-19 2008**, at the **Gaylord Opryland Resort & Convention Center in Nashville, Tennessee (booth 2308)**.

**For more information, please contact:**

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