



MEDIA ALERT

For Release – April 7, 2008

Workplace and Personal Safety: New Miniature Gas Sensor Technology Detects Benzene

Toronto, Ontario: A breakthrough in miniaturization technology has led to a new gas sensor that uses micro plasma photometric technology to detect benzene – a known carcinogen. Researchers are collaborating with Optomem to bring the device to the marketplace.

Until now, benzene detection has required complex and large analytical equipment that is cost-prohibitive for many companies. Reports by the US Environmental Protection Agency about benzene and other volatile organic compounds has increased public pressure to improve detection and protect communities.

“Optomem’s micro technology responds to the public’s demand for simple, effective and portable air quality monitoring,” said Antonio Liberatore, Director of Business Development for Optomem. “The health benefits of this new detection technology are dramatic.”

The sensor is the first miniaturized sensing device that detects toxins on par with large laboratory analytical instruments. Smaller than 1 inch and lightweight, it can be embedded into electronic devices such as cell phones, thermostats, personal monitors or automobiles to provide real time analytical information about the air we breathe.

Optomem’s parent company, Monteco, is thrilled with the technology breakthrough. Monteco’s President and CEO Scott Monteith said, “The long-term potential for indoor air quality devices is skyrocketing, especially in the US with the amendments to the *Clean Air Act*.”

About Optomem

Optomem Sensors Inc. provides emerging micro sensor technologies for air quality detection for industrial, security and indoor air quality applications.

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