

# NEWS

## FOR IMMEDIATE RELEASE

### **Vertilon Releases SIB032D for Ultra Low Current PMT Applications**

*New Sensor Interface Board Supports Hamamatsu H7260 32 Channel MAPMT*

**WESTFORD, MA (June 15, 2009)** – Vertilon Corporation (<http://www.vertilon.com>), a leader in high performance multichannel data acquisition systems for optical sensors, announced today that it has introduced the SIB032D sensor interface board for applications requiring measurement of ultra low currents from photomultiplier tubes. The SIB032D is Vertilon's second addition to the SIB032 family of products for Hamamatsu's H7260 thirty-two anode photomultiplier tube. Used in conjunction with a Vertilon PhotoniQ data acquisition system, the SIB032D is capable of simultaneously measuring thirty-two channels of PMT current at levels below a picoamp. The high speed and high resolution of the product make it ideal for applications such as SEM beam current measurements, particle and beam monitoring, and fluorometers / spectrometers. It is also useful for scintillator based radiation detection, background light measurement, and any other applications requiring low level light analysis.

Vertilon says the SIB032D is in production and available today. The company also manufactures sensor interface boards for other commonly available multianode PMTs, silicon photomultipliers, and avalanche photodiode arrays like Hamamatsu's H8711, H7546B, H8500D, and R5900U-L16, Sensl's SPMArray, and Pacific Silicon Sensors' AD-LA-16-9-DIL18 avalanche photodiode array. Target applications for Vertilon's products include PET, single photon emission computed tomography (SPECT), high energy particle physics, gamma cameras, flow cytometry, confocal microscopy, small animal imaging, and radiation monitoring.

#### **About Vertilon Corporation** (<http://www.vertilon.com>)

Vertilon manufactures advanced products for markets utilizing multi-anode photomultiplier tubes, avalanche photodiode arrays, silicon photomultipliers, and other multi-element charge-based sensors. Vertilon's core product line is the PhotoniQ, a family of high performance multi-channel data acquisition systems that interface to optical sensors and collect and process their output signals. Over the last seven years, Vertilon's PhotoniQ products have been used throughout the world by leading universities, government laboratories, and corporate R&D groups in applications that include particle physics, flow cytometry, bioaerosol detection, SPECT, positron emission tomography (PET), gamma cameras, and confocal microscopy.

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