

Contact: Tom Lento  
732-940-0545

For Immediate Release

## Sceptor's OMNI™ 3000 Air Sampler Achieves 91% Efficiency in ECBC Tests

*Sampler Is Included in Responder Knowledge Base, an On-Line List of  
Products and Services for Military and Homeland Defense Applications*

KANSAS CITY, MO (August 14, 2006) — The OMNI™ 3000 portable air sampler from Sceptor Industries ([www.sceptorindustries.com](http://www.sceptorindustries.com)) achieved collection efficiencies as high as 91.8% for 3 µm polystyrene latex (PSL) particles and 70% for 2.9 µm fluorescent oleic acid particles in recent tests at the Edgewood Chemical Biological Center (ECBC) of the US Army Research, Development, and Engineering Command. These figures indicate excellent performance with both solid particles and oily droplets.

The tests were conducted on four different OMNI 3000 units over the course of two weeks. All four units delivered essentially similar performance in all parameters.

“We are very pleased with the results of the tests, which confirm our own findings,” said Bill Beckenbaugh, Sceptor’s chief technical officer. “The outcomes prove that you don’t have to sacrifice efficiency for speed in an aerosol collector. The fact that all four units performed almost identically shows that users can count on every OMNI to deliver these outstanding results.”

ECBC tested the OMNI units for collection efficiency with several different sizes of both PSL microspheres and fluorescent oleic acid particles. As expected, the samplers delivered highest efficiency with the largest PSL particles and with the smallest oily droplets. All tests provided at least 11 ml of sample, enough for multiple assays from each sample and 10% better than their rated volume. The machines also processed 277 liters of air per minute, close to their nominal rating.

ECBC also noted that the OMNI 3000 samplers are small, portable, battery operated, and easy to use and decontaminate. Both a summary of the ECBC report and its full text, as well as information sheets and specifications on the OMNI 3000, are available on the Sceptor web site or by contacting the company.

--MORE--

... ECBC tests OMNI take 2/2/2

The OMNI 3000 is designed to meet the needs of first responders, environmental health and safety (EHS) managers, and indoor air quality (IAQ) experts for an easily portable, high-performance aerosol collector for use in chemical, bioaerosol, and biothreat detection. It can capture particles in sizes from 10µm to vapors, enabling the collection of molds, viruses, bacteria, and low vapor-pressure chemical compounds and particulates.

The OMNI 3000 is listed on the Responder Knowledge Base of the National Memorial Institute for the Prevention of Terrorism ([www.rkb.mipt.org](http://www.rkb.mipt.org)), an integrated, on-line source of information on products, standards, certifications, grants, and other equipment-related matters for emergency responders.

For more information contact:

Tom Lento  
InterComm, Inc.  
732-940-0545  
tomlento@att.net

# # #

#### **About Sceptor Industries**

Sceptor Industries ([www.sceptorindustries.com](http://www.sceptorindustries.com)) is a privately held corporation focusing on biological and chemical air safety. Sceptor provides program management and life science expertise, and develops and deploys biological and chemical defense and indoor air quality technologies for commercial, military and homeland defense requirements. Its products include air samplers and related technologies.