

# INDA's e-Filter Newsletter

The Filtration Industry's Information Hub

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**Welcome to e-FILTER**, sponsored by INDA, Association of the Nonwoven Fabrics Industry ([www.inda.org](http://www.inda.org)). It is sent monthly to executives within the global filtration business and focuses on the latest news, new products, patents, legislative issues and commentary in the filtration industry. Check out the information at the end of this newsletter on how to subscribe or submit your company's information for inclusion.

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## **SPECIAL REPORT: FILTRATION 2003 INTERNATIONAL CONFERENCE AND EXPOSITION**

This month's issue of the e-Filter Newsletter focuses exclusively on the largest filtration event of the year, this month's Filtration 2003 International Conference and Exposition. The annual event, organized by INDA, returns to Chicago November 18-20 after an unusually snowy Filtration 2002 last year in Washington, D.C.

More than 2000 people from every corner of the globe are expected to attend the Exposition, which opens November 19, and the Conference, which kicks off November 18 with the Filtration Tutorial (Air & Liquid) courses. Last year's Filtration 2002 event in Washington, D.C., which experienced a record-setting snowfall on the final day, attracted 128 exhibitors and close to 2000 attendees from 30 countries.

For more information on how to attend Filtration 2003, go to <https://imisw.inda.org/Source/Meetings/cMeetingProcessSearch.cfm?section=Events>

Here is a preview of what some companies will be highlighting during Filtration 2003. (Note: If any Filtration 2003 exhibitors have any new products or news they would like featured in the *Daily Filter Show Daily* newspaper, please email the information in a Word document immediately to [mjacobson@inda.org](mailto:mjacobsen@inda.org))

- SNOW FILTRATION will be at Filtration 2003 under its new name – BBA FIBERWEB FILTRATION – as it consolidates from West Chester, OH to a larger existing facility in Old Hickory, TN. The facility move will take place in several steps and should be complete by early 2004. Responsibilities and assignments of the current sales personnel remain the same.
- In addition, BBA FIBERWEB FILTRATION has completed the development of DiamondWeb, a new spunbond polyester filtration media, and is highlighting the proprietary technology during Filtration 2003. DiamondWeb is one of more than 14 nonwoven filtration media offered by BBA Fiberweb Filtration.
- The newest development in particle measurement technology being highlighted by PALAS at Filtration 2003 is the welas-system, a high-resolution aerosol spectrometer with the world's smallest sensor. The patented T-aperture-technique provides the ability to measure particle size and quantity in high concentrations, practically without border-zone-error. This new system is now included in most of the filter testers made by Palas.
- KX INDUSTRIES, which operates the world's largest solid-state extrusion facility for the production of activated carbon block filters, makes the claim of selling more carbon filters to more OEMs than anyone in the world. KX's Matrikx® extruded carbon block filters are highly porous, extremely uniform, high performance devices, offered in a wide range of standard and custom products and sizes.
- The new 100% digital CNC P2 Pleater Technology will be presented by JCEM USA at Filtration 2003. The P2 machine has already been specified as the pleater of choice by many companies that have a single or multi-layer pleating processes that demand total automation. Multi-layer pleating of all types of filter media, including nonwovens, wovens, synthetic and wire mesh, can be achieved.
- DELSTAR TECHNOLOGIES will be introducing two Naltex products – PBT and PPS netting – during Filtration 2003. The PBT Naltex net is designed specifically with the automotive oil filtration segment in mind. The PBT base allows for the net to withstand operating conditions in excess of 150 degrees C. Polyphenylene Sulfide (PPS) is a high-temperature thermoplastic material with excellent dimensional stability and inherent flame resistance. PPS is virtually unaffected by a range of chemicals even over prolonged periods and has been used in replacing traditional engineering materials such as metals and thermosets.
- Also at DELSTAR, the company is introducing DelPore™ synthetic HEPA media at Filtration 2003. This media is a composite of

DelPore™ High-Efficiency PP meltblown media and DelStar's proprietary netting and apertured films (Naltex and Delnet). The DelPore™ composite is ultrasonically or adhesively bonded and can be engineered to suit a variety of applications. It will not demonstrate the shedding and subsequent health risks normally associated with this traditional filter media.

- TEXTEST, a supplier of testing instruments for the textile industry specializing in air permeability testers for off-line and on-line applications, will be bringing its product line to Filtration 2003 as part of its North American representative, ATI, Advanced Testing Instruments Corp. The FX 3300 Air Permeability Tester III is used for fast determination of the air permeability or the pressure drop of flat samples, such as filter media, in the laboratory. Its FX 3386 Profilair is used for measurements on a moving flat material in the production or finishing line. A scanning test head provides a length, cross, or zigzag profile of the air permeability or pressure drop in real time.
- SONOBOND ULTRASONICS will be highlighting its newest ultrasonic welding unit, specially designed for high-quality assembly of filter bags. Known as the RingMaster Filter Bag Machine, the new bonding equipment attaches plastic rings to nonwoven materials in less than 10 seconds. Sonobond developed the equipment for manufacturers of bag filters for chemical and industrial liquid applications.
- DUKANE'S DPC IV Plus ultrasonic generator has added Hot Keys, which allow quick access to frequently used commands and faster setup. It offers five welding modes of Time, Distance, Energy, Peak Power or Mixed Mode capability, modular design, a 4-line data display and two separate color displays for power output and system status.
- JAMES H. HEAL, a manufacturer of fabric and color fastness testing instruments being represented in the U.S. by ATI, will be highlighting its new Truburst Advanced plus Bursting Strength Tester. It is billed as "the world's first intelligent pneumatic bursting strength tester." Also new from Heal will be the Titan Universal Strength Tester, which will be equipped with the latest version 6.00 software.
- C.A. LITZLER will be introducing its Thermodry infrared predryers specifically designed to solve various drying problems of the filtration industry. Litzler recognizes that no single heating technology is perfect for every application, which is why it offers a combination of heating technologies, including infrared, convection and radio frequency. Thermodry dryers, which use a combination of infrared and convection technologies, provide the best of both worlds. The use of two technologies delivers more effective and efficient heat transfer, while increasing productivity and quality at reduced operating costs.
- The GPFR1000 Filter Machine from ASHBY CROSS is a positive displacement gear metering system specifically designed to process

two-part urethane materials for filter end-cap manufacturing. The system is variable ratio and features, an encoder for shot size control, flow rate control, and a pot life timer. Feed systems may be 55-gallon drums, totes, tanks, or 5-gallon pails. The system may be integrated into an automated assembly line or used as a stand-alone dispenser.

- D-MARK will be introducing improved CarbonWeb® (CW) Filter Roll Medias. CW medias are pleatable without wire backing, are UL Class 2 approved and are also suitable for die cutting or sewing. CarbonWeb® is a carbon filled, fiber media that provides low air resistance and high capacity. CarbonWeb® medias also utilize water purification carbons, impregnated alumina and zeolites either alone or blended with carbon.
- EXPAN, a QS9000 registered manufacturer of expanded metals, recently added the capability of perforating metals with a wide variety of hole patterns available.
- PSC will be introducing its line of Perfect RF (Radio Frequency) predryers for the filtration industry. Perfect RF predryers offer faster drying, making them the ideal method for continuous lean manufacturing. Quality is also improved as Perfect RF predryers heat products from within, resulting in more uniform heating and drying.

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### **THAT'S ALL, FOR THIS MONTH ...**

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Any company with news for the INDA e-FILTER Newsletter, or any individual with something they want to say to the industry, should send an email to Michael Jacobsen, INDA Director of Publications, at [mjacobson@inda.org](mailto:mjacobsen@inda.org) or mail to 22 Paterson Avenue, Midland Park, NJ 07432; 201-612-6601; Fax 201-612-6677.