CINTE Techtextil China preview

...continued from page 3

available directly from equipment suppliers. In this context, NSC believes *CINTE* is a really important event for both exhibitors and visitors.

Dilo Group

Another machinery builder, Dilo, says it has attended CINTE Techtextil China regularly for several years now with the goals of getting new enquiries and orders, keeping in contact with existing customers, promoting its new machinery and getting market information. Dilo does not take part in any peripheral events, such as the symposium, but focuses on its exhibit.

Dilo also exhibits in the *Techtextil* shows in Germany, North America, Russia and India. Additionally, for 2010/2011 it will exhibit at *ITMA* in Barcelona, Spain, *Domotex* in Hanover, Germany, and the nonwovens shows *INDEX* in Geneva, Switzerland, and *SINCE 2011* in Shanghai, China.

At the moment, Dilo says, the market for technical textiles is doing well in China, compared with domestic textiles, making it especially important to have exhibitions such as *CINTE*.

Textest AG

Another exhibitor returning to *CINTE Techtextil* is Textest AG, which will show its testing instruments for quality control including:

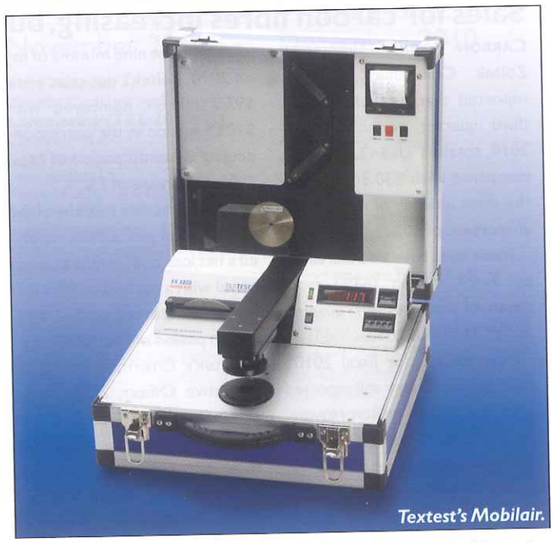
- the FX 3000 hydrostatic head tester (Hydrotester III) used to determine the resistance of materials to their penetration by water;
- the FX 3300 Air Permeability Tester III used to measure the air permeability of flat materials;
- the FX 3360 portable air permeability tester (Portair), designed for testing of paper machine clothing and for periodic determinations of profiles on a production line; and
- the FX 3750 Digital Elmendorf Tear-in Tester.

Three products not exhibited before will be shown in Shanghai:

- the FX 3150 (the Gravitest, see also, page 2) exploits the the gravimetric method to test for water vapour transmission rates in several materials, such as woven and nonwoven textiles, coated fabrics, barrier and medical materials, plastic films, and roofing and building materials.

Testing of small samples and special materials (for instance, concrete) is also possible using special accessories.

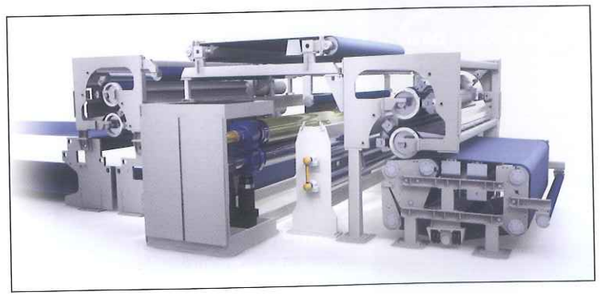
Six specimens can be tested simultaneously in a wide range of conditions (temperature, humidity and air flow velocity), according to both the wet cup and the dry cup methods. This device is said to be compliant with international, US, German, European and Japanese standard bodies requirements;



Textest's Mobilair.

- the FX 3500 on-line tester (Combiscan) is used for continuous measurement of air permeability or pressure drop, respectively, as well as the thickness and basis weight of woven fabrics, nonwovens, felts, films and paper machine clothing on a moving web. The instrument is designed for direct integration into new or existing production lines. Its operating principle is based on the well-tried FX 3386 air permeability tester (Profilair) and it is available in two basic models, depending on which material properties are to be tested—Model FX 3500-TX (Light Frame) determines the air permeability and/or thickness and Model FX 3500-SX (Heavy Frame) determines the basis weight and/or air permeability and/or thickness.
- the FX 3320 mobile air permeability tester (Mobilair, above) is a portable instrument for the determination of the air permeability, both in the testing laboratory and in a mobile environment. It is particularly suitable for measurements on contaminated samples, such as used filters. Mobilair is also supplied in two versions—Model FX 3320-UP5 with sucking action for standard applications and Model FX 3320-OP5 with blowing action for contaminated samples.

In 2011, Textest will return to Shanghai for Shanghaitex and it will also exhibit at the Frankfurt, Germany, *Techtextil*.



Andritz Perfojet's Spunjet technology can be combined with other process equipment from within the Andritz group, visitors to its stand at CINTE Techtextil China will learn.

Andritz Küsters and Andritz Perfojet

At *CINTE Techtextil*, the Andritz group will strive to show it ability to supply comprehensive system solutions for the technical textiles and nonwoven industries with a joint stand between Andritz Küsters of Krefeld, Germany, and Andritz Perfojet, Montbonnot, France, presenting their combined product ranges, from forming to finishing.

Andritz Küsters will introduce its latest developments in wetlaid technology: its core component the neXformer (distribution system, headbox and inclined wire part) has been re-designed, the company will reveal.

Wetlaid nonwoven technology is increasingly gaining in importance, the company says, and offers many options for the development of new and innovative products from a great variety of fibres. It is now possible, for instance, to produce filter media that features resistance to heat and chemicals, controlled porosity, high tensile strength and either static and anti-static characteristics.

Moreover, visitors will learn that, due to the recent acquisition of Rieter Perfojet (now called Andritz Perfojet), the company can offer wetlaid lines with hydroentanglement units. The product range includes mono-material wetlaid nonwovens, without any chemical additives or thermal bonding. Additionally, layers of different fibre types can be entangled with each other.

The hydroentanglement systems and through-air dryers of Andritz Perfojet complement Andritz Küsters' calenders and wet finishing components (for instance, low add-on or dewatering devices).

With Andritz Küsters' thermal bonding and Andritz Perfojet's spunlace technology, nonwovens customers now have the choice of two bonding technologies. Moreover, both processes have been reconfigured to achieve higher efficiency and reduce their energy consumption, the company will explain.

A new product for the spunlaid market is Andritz Perfojet's Spunjet technology.

This process uses hydroentanglement of continuous filaments, creating superior fabric properties as regards bulk, softness, drape, and tensile strength.

Combining Spunjet with classic thermobonding in a single line offers producers of nonwoven roll goods flexibility in enlarging their products.

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Visit Technical Textiles International at CINTE Techtextil China too.