# LENZING INSTRUMENTS at India ITME 2022

**Hall 9, Booth H9C6**

**Lenzing Instruments**, the Austrian Textechno group partner, is worldwide known as a supplier of premium process- and quality control equipment for staple fiber, filament yarn, nonwovens, synthetic film, fabrics and composites. Together with their long-time local representation in India, **Tirupati Technik**, Lenzing Instruments will present state of the art testing solutions of various automation degrees; for online, at-line or laboratory applications. Lenzing Instruments is also the partner to turn to in case customized solutions are requested.
In **hall 9**, **booth H9C6**, visitors will be able to find out how **the following exhibited highlights** can contribute to optimised quality control:




**PROMPT online sensors** Fast communication of test results contributes to less downgraded material and less returned goods and is an important factor in order to obtain efficient, cost-saving and sustainable production processes. Lenzing Instruments range of **PROMPT** online sensor technologies for mono- or multifilament yarn offer real time feedback to quality deviations such as defects and varying yarn properties. Monitored yarn characteristics include yarn variations, entanglements, coating, spin

finish content and tension. The PROMPT sensor technology guarantees for a clear classification of detected defects such as broken filaments, fray, fluff and thin-and thick places. Images of each detected defect are generated by **DEFECT VIEW**. The unit combines a **PROMPT OLO** sensor with a camera unit and enables thorough analysis of each defect. For offline sensor application, **PROMPT LAB** or **ELKOMETER** is the choice. Comprehensive data analysis is given by the **PROMPT Visualize** software.



**High volume quality control at-line** with **RAPID 600 V**, **DTI 600**, **ACW 600/DVA** and **SESS**: **RAPID 600 V** tests interlaced yarn for number of entanglements per length unit as well as for their strength. **DTI 600** determines the draw tension of POY for indications about yarn performance properties such as dye-uptake during subsequent production processes. **ACW 600/DVA** offers accurate measurement of yarn titer (dtex, denier) and titer variation. For an even higher automation degree, the sequential end sampling system **SESS** can be used for automatic sample feeding to the corresponding testing instruments.
All of the above-mentioned testing instruments feature ultra-fast testing, a high degree of automation as well as robust design. These characteristics allow for a high number of yarn bobbins to be tested directly after winding and enable fast reactions to minor product quality or any process malfunctions. The instruments are placed either directly in the production area or in the laboratory. Evaluation of measurement results is made easy by means of special key figures, which make results analysis easy and eliminates the need for expert personnel. Handling is reduced to a minimum by the unique automatic string-up and sample removal function.
**Standardized laboratory equipment** Determination of the thermal shrinkage and/or thermal shrinkage force of filament yarn with **TST 2**

means easy handling with automatic and flexible testing of up to two yarn samples simultaneously. **TST** is also available as **TST 510/250** for up to ten yarn samples or as **TST 1** for testing of wide samples of synthetic film, nonwovens etc.



**VIBROSKOP 500** and **VIBRODYN 500** offer accurate, objective and flexible testing of titer (dtex, denier) and tensile properties of staple fiber. Comprehensive absorption analysis of nonwoven coverstock or topsheet is offered by **LISTER AC**, **WETBACK** and **RUNOFF**. The trio performs measurements of liquid strike-through time, rewet properties and runoff value in compliance with INDA/EDANA standards.
A visit at Lenzing Instruments booth means an opportunity to discuss the benefits of the extensive product range. More information about Lenzing Instruments products can be found at **www.lenzing-instruments.com**