

MESDAN AT ITM 2024

Mesdan is the brand of the Vandewiele group of companies offering yarn joining solutions and textile testing equipment. At ITM 2024 the latest automatic splicer will be installed on the exhibited Savio Proxima winder, while two laboratory equipment will be on display.

Nati Advanced is one of the Mesdan-Lab most known equipment; it is the instrument to determinate neps in raw cotton, neps and trash in cotton sliver and roving, neps in synthetic and blended sliver, hence the ideal tool to improve quality and efficiency of carding and combing operations.

It has been manufactured by Mesdan for the last 25 years; hundreds of units have been sold worldwide, and the Advanced is the 4th and latest version, particularly designed to work in connection with the CONTEST-F2, the Mesdan-Lab high volume cotton testing equipment, to obtain the complete fibre classification in a unique report.

Anyhow, NATI Advanced can also work as a “stand alone” unit, and in this format, it can be used for testing both cotton and synthetics, just by changing the opening roller. When testing synthetics, it produces a classification of the neps and trash content per size, and, in case of a multiple sample testing, a statistical analysis. When testing cotton, it can test both raw fibres and slivers; in case of raw fibres the classification is for neps (2 sizes), trash, dust and Seed Coat Neps; in case of slivers the classification is for neps (3 sizes), dust and Seed Coat Neps.

NATI is: fast in testing large samples, reliable and repeatable, very easy to operate, compact and easily transportable to the production floor, for continuous testing and assessment at different process stages.

The **AutoDyn 3** on display at ITM is the 3rd generation of the well-known AutoDyn series, the automatic yarn strength tester, that high success reached during the last 15 years. It embodies: latest technology, best electronics, new software & new accessories, stunning performances (capacity, versatility, accuracy and testing efficiency) and Italian design. AutoDyn 3 represents the most complete and universal testing equipment, being suitable for single fibres, fibre bundles, single yarns (automatic testing), technical yarns, hanks+LEA, fabrics, garment accessories, up to the maximum force of 3kN.

It is the ideal dynamometer for the smaller spinning mills, for the integrated mills, the knitters and weavers who want to check the incoming yarns at a large scale, besides the quality of their internal fabric production. Thanks to its versatility it is also recommended for schools and universities, R&D and testing laboratories.