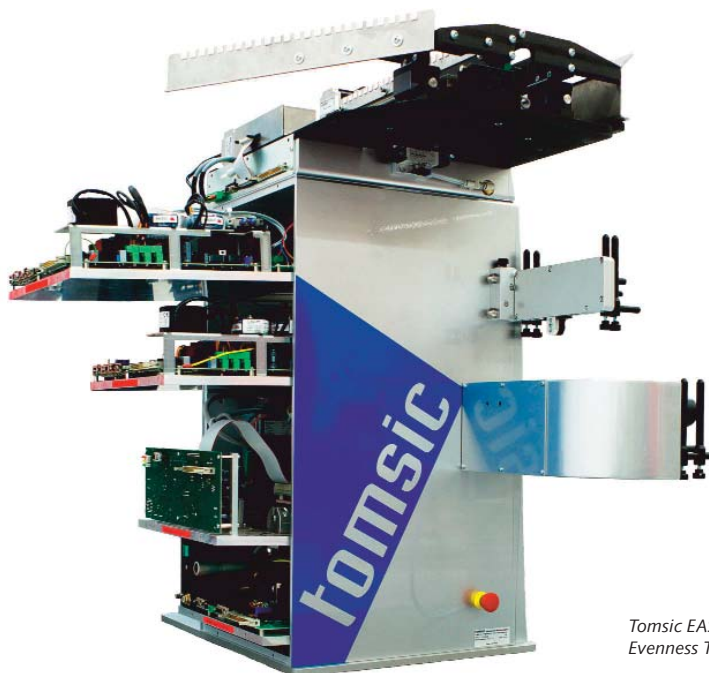


Tomsic offers quality control equipment par excellence

Tomsic Srl, one of the worldwide leaders for the productions of laboratory solutions, is ready to attend the ITMA ASIA + CITME 2018 as member of the Italian National Sector Group coordinated by ACIMIT (Association of Italian Textile Manufacturers).

From 15th to 19th October 2018, TOMSIC will be delighted to welcome customers and visitors to the booth E14 Hall H01 at the National Exhibition and Convention Centre (NECC) in Shanghai – China, where it will be possible to appreciate the latest developments in the high technology monitoring and testing solutions for the spinning process. TOMSIC team will show the simplest quality control machines for yarns in the market, the Tomsic Evenness Tester “EASY” and “CountAnalyser”.

The high quality TOMSIC laboratory equipments, 100% made in Italy, are equipped with the most operator – friendly



*Tomsic EASY
Evenness Tester.*

software. All operating parameters are setting in only one window. The graphical and numerical results, perfectly aligned to world standards, are displayed in one window for direct test comparison. The flexible software, installed on a normal PC with Windows 10 platform, allows automatic update of the latest features directly from the head Tomsic service station. This advantage guarantees that the customer's equipment is always fully updated with the most cutting-edge technology.

The data retrieval is based on the Open SQL Server database. This database using the SQL principle enables all data to be exported easily to other programs / databases. All parameters are with open access which permits free LAN connection.

EASY - Evenness tester features

The TOMSIC Evenness Tester is a PC based off-line laboratory equipment used to test and analyze the quality of sliver, roving and yarn. It is equipped with a capacitive sensor to measure the mass irregularity and an optical sensor (Optional) for measuring the hairiness value of yarn.

An optional automatic arrangement (AUTOCHANGER) is provided to feed the yarn for measurement automatically.

The measuring standard range is from approx... 1 tex to 12 ktex (with possibility of ECS-EXT sensor for extra volume silver).

"EASY" is developed on the modular principle. Each slot is independent and easily extractable by the customer himself and with an auto test of each module. The capacitor sensor is developed with the patented self-calibrating function too. In practice a lower service cost is guaranteed and thus a Tomsic technician on site is not required.

TMS45-Count Analyser features

The Tomsic Count Analyser is a laboratory equipment used to test the count of sliver, roving and yarn.

In addition to the weight of the samples, "Count Analyser" calculates the Average, CV%, Q95% , Min. and Max.



The screenshot shows the 'Data Retrieve' window in the software. It includes search filters for Article, Machine's name, Start date, End date, My free field 1, and My free field 2. A query string is displayed: 'SELECT dbo.Job.IDJob, dbo.Test.TestNum, dbo.Job.JobDate, dbo.Job.Article, d...'. Below the filters are buttons for 'Retrieve', 'Link Job', 'Preview', and 'Print'. A data table is shown at the bottom with columns: IDJob, TestNum, JobDate, Article, Material, MaterialType, Comments1, NominalCount, IDoperator, SampleWeight_g, and SampleCount_Nec.

| IDJob | TestNum | JobDate | Article | Material | MaterialType | Comments1 | NominalCount | IDoperator | SampleWeight_g | SampleCount_Nec |
|-------|---------|------------------|------------|-----------|---------------|-----------|--------------|------------|----------------|-----------------|
| 290 | 3 | 26/04/2016 20:07 | Articolo 1 | Material1 | MaterialType1 | Commento1 | 26,05 | Silvan 1 | 1,865 | 50,65 |
| 279 | 3 | 26/04/2016 20:06 | Articolo 1 | Material1 | MaterialType1 | Commento1 | 26,05 | Silvan 1 | 1,8637 | 50,72 |
| 278 | 3 | 26/04/2016 20:04 | Articolo 1 | Material1 | MaterialType1 | Commento1 | 26,05 | Silvan 1 | 1,8643 | 50,76 |
| 277 | 3 | 26/04/2016 20:03 | Articolo 1 | Material1 | MaterialType1 | Commento1 | 26,05 | Silvan 1 | 2,6867 | 24,41 |
| 275 | 3 | 26/04/2016 20:02 | Articolo 1 | Material1 | MaterialType1 | Commento1 | 26 | Silvan 1 | 2,687 | 24,4 |
| 274 | 3 | 26/04/2016 20:01 | Articolo 1 | Material1 | MaterialType1 | Commento1 | 26,3 | Silvan 1 | 1,8643 | 50,76 |
| 273 | 3 | 26/04/2016 20:00 | Articolo 1 | Material1 | MaterialType1 | Commento1 | 26,3 | Silvan 1 | 1,8643 | 50,71 |
| 272 | 3 | 26/04/2016 20:00 | Articolo 1 | Material1 | MaterialType1 | Commento1 | 26,3 | Silvan 1 | 2,688 | 24,4 |
| 271 | 3 | 26/04/2016 19:58 | Articolo 1 | Material1 | MaterialType1 | Commento1 | 26,2 | Silvan 1 | 2,4703 | 26,23 |
| 265 | 3 | 26/04/2016 16:25 | Articolo 1 | Material1 | MaterialType1 | Commento1 | 26 | Silvan 1 | 1,863 | 50,72 |
| 264 | 3 | 26/04/2016 16:22 | Articolo 1 | Material1 | MaterialType1 | Commento1 | 26 | Silvan 1 | 1,863 | 50,68 |
| 263 | 3 | 26/04/2016 16:13 | Articolo 1 | Material1 | MaterialType1 | Commento1 | 229 | Silvan 1 | 1,8627 | 50,77 |
| 262 | 3 | 26/04/2016 16:11 | Articolo 1 | Material1 | MaterialType1 | Commento1 | 229 | Silvan 1 | 1,8613 | 50,84 |
| 261 | 3 | 26/04/2016 15:59 | Articolo 1 | Material1 | MaterialType1 | Commento1 | 26 | Silvan 1 | 1,8623 | 50,73 |
| 260 | 3 | 26/04/2016 15:59 | Articolo 1 | Material1 | MaterialType1 | Commento1 | 26 | Silvan 1 | 2,6837 | 24,44 |
| 259 | 3 | 26/04/2016 15:50 | Articolo 1 | Material1 | MaterialType1 | Commento1 | 26 | Silvan 1 | 1,8627 | 50,73 |
| 258 | 3 | 26/04/2016 12:59 | Articolo 1 | Material1 | MaterialType1 | Commento1 | 26 | Silvan 1 | 2,473 | 26,2 |
| 257 | 3 | 26/04/2016 12:56 | Articolo 1 | Material1 | MaterialType1 | Commento1 | 26 | Silvan 1 | 2,473 | 26,03 |
| 256 | 3 | 26/04/2016 12:31 | Articolo 1 | Material1 | MaterialType1 | Commento1 | 26 | Silvan 1 | 2,4743 | 26,19 |

Count Analyser.

values. Therefore it provides to the spinners the weight and count variation of the produced material throughout the whole spinning process. The spinners have so the total control over the production process and the final product.

The local database of the Tomsic Count Analyser is upgraded with the LINK JOB TECHNOLOGY.

The Count Analyser software allows to synchronize the local database of Count Analyser and remote databases of Easy Evenness Tester. Therefore it permits to associate a count tests with Tomsic Evenness tester jobs. It is very useful, errors avoid system and time save technology. ♦