

**ROVINGTEST**  
Modular Test System for the  
Performance of Rovings





## **ROVINGTEST**

### **Modular Test System for the Performance of Rovings**

During manufacturing tailor-made properties are given to the yarns and rovings to match the demands of the further processing.

#### **Wind-off-module**

with active tension control and broken filament counter.

#### **Eddy current module**

induces a current across the roving and detects irregularities in the homogeneity of the filament orientation. Applicable only to conductive rovings, i.e. carbon fibres.



With **ROVINGTEST** Textechno has developed the first commercial test system ever that measures all important properties in manufacturing, processing and R&D of carbon- and glass fibre rovings in a single test system.

**ROVINGTEST** is a fully modular system that can be adapted to the customer's requirements to measure any of the below mentioned properties. The tester is fast and easy to operate.

### **Friction and Fluff module**

measuring fibre/surface and fibre/fibre friction, gravimetric fluff analysis using integrated filter system.

### **Width modules**

measuring the width of the rovings and detection of gaps. In combination with **Spreading module**: how easily and wide can a roving be spread; width regularity and occurrence of gaps before and after spreading.

### **Spreading module**

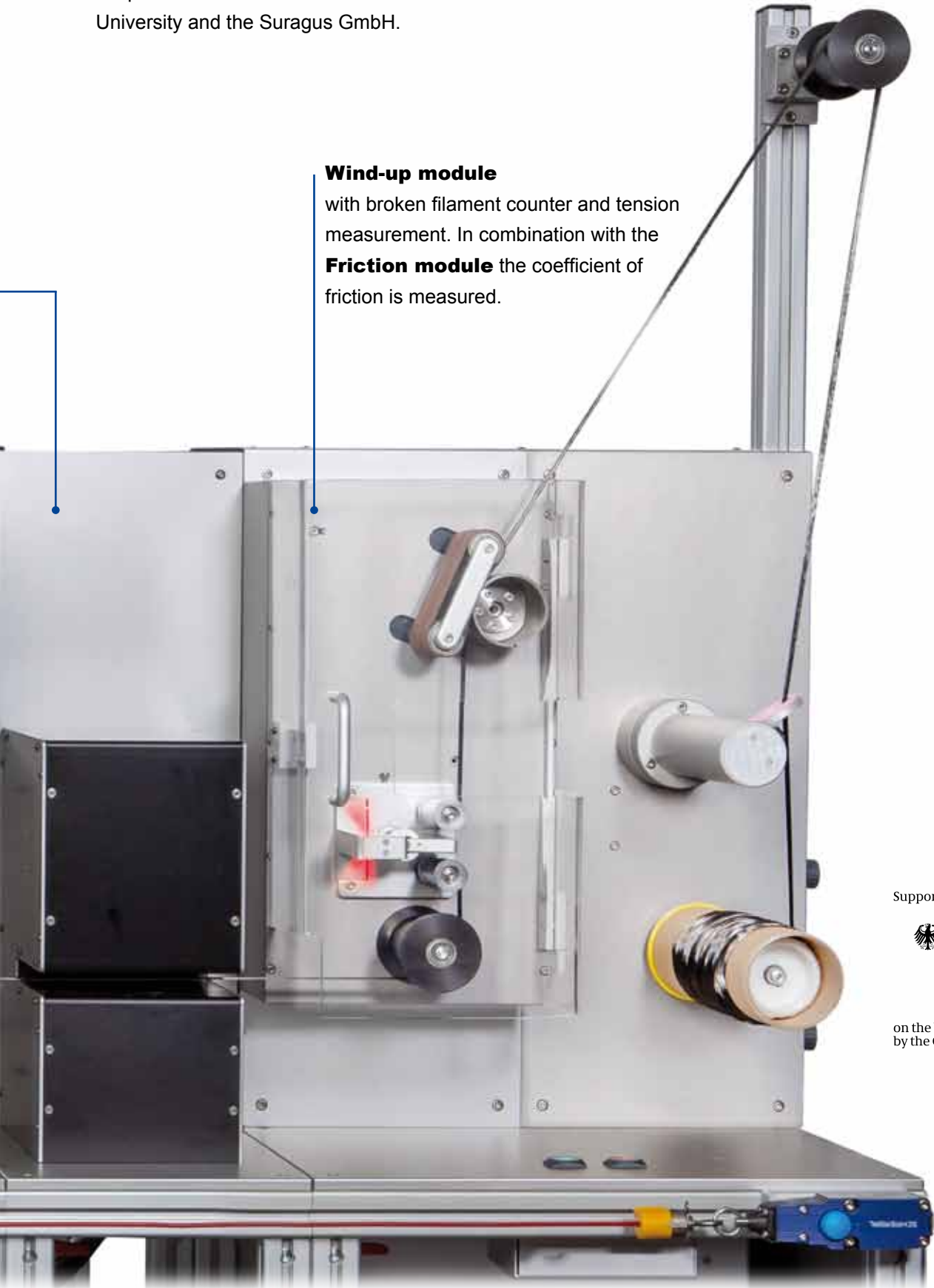
Roving is spread with spreading bars; option to heat bars up to 400° C, option for ultrasonic spreading.



Textechno has developed **ROVINGTEST** in cooperation with the ITA at RWTH Aachen University and the Suragus GmbH.

**Wind-up module**

with broken filament counter and tension measurement. In combination with the **Friction module** the coefficient of friction is measured.



Supported by:



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### Technical data ROVINGTEST

- Mains supply: 230 V, 50 (60) Hz;
- Compressed air: 5 bar;
- Lacquer finish: RAL 9006/5002;
- Dimensions<sup>1)</sup>: height 2100 mm, width 3100 mm, depth 700 mm;
- Weight: approx. 358 kg;

<sup>1)</sup> For the complete system

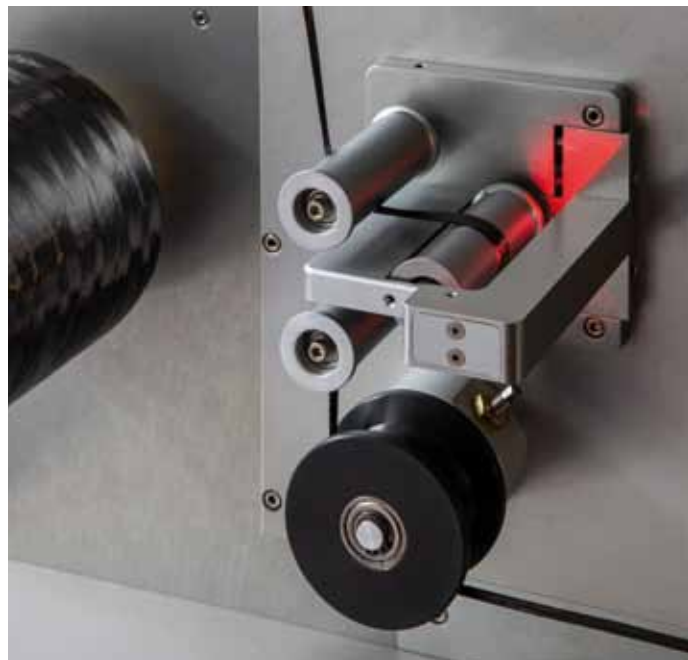
The above technical contents can be subject to changes by Textechno.



ROVINGTEST - Fully Modular



Friction and Fluff Module



Broken Filament Counter



# Textechno

textile testing technology



## THE TEXTECHNO GROUP

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