

**Techtextil 2017 Exhibitor Preview**  
**May 9-12**  
**Frankfurt, Germany**



### **WORK Microwave — 3.0 F16**

With more than 30 years of expertise in RF electronics, WORK Microwave is a leading provider of high-volume, high-precision sensor solutions for a wide range of measurements and applications in the textile industry. Using WORK Microwave sensors, textile manufacturers can perform up to 100,000 measurements per second on materials, including compositional elements such as water content, moisture, mass, density, and identification of foreign particles and substances. Perfect for demanding in-line applications, WORK Microwave's sensors streamline textile manufacturing workflows, enabling companies to comply with government regulations, uphold product quality, and reduce waste.

### **Key Products and Technology Demos**

#### **Textile Measurement Demo**

Maintaining an accurate level of moisture is critical in the textile industry for quality and consistency purposes. At Techtextil 2017, WORK Microwave will demonstrate a special version of its sensor system for high-speed, non-contact, in-line control, and measurement of textile products such as yarn, cloth, and clothing.

During the demo, WORK Microwave will showcase a miniature textile machine, highlighting how its sensor technology accurately monitors the moisture levels of any type of textile material, along with helping control coating processes, such as stain and water repellants. WORK Microwave's sensors feature a highly robust design that minimizes maintenance requirements and are perfect for use in rugged environments. Via an extensive range of interfaces, including Ethernet, Profibus, and Current Loop, operators can easily support network connection requirements.

**Photo Link:** [www.202comms.com/WorkMicrowave/WORKMW-Techtextile.jpg](http://www.202comms.com/WorkMicrowave/WORKMW-Techtextile.jpg)

**Photo Caption:** WORK Microwave Miniature Textile Machine

### **Company Overview:**

#### **About WORK Microwave ([www.work-microwave.com](http://www.work-microwave.com))**

Headquartered in Holzkirchen (near Munich), Germany, and comprised of four operating divisions — Satellite Technologies, Navigation Simulators, Defence Electronics, and Sensors and Measurement — WORK Microwave leverages more than 30 years of microwave and signal processing experience to anticipate market needs and apply an innovative and creative approach to the development of digital signal processing technologies while maintaining the highest standards for quality, reliability, and performance.

WORK Microwave's Sensors division develops and manufactures high-precision sensor solutions for a wide range of measurements and applications used by the food, pharmaceutical, automotive, recycling, chemical, paper processing, and tobacco industries.

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