Driving the Future of Sustainable Textiles: emtec Electronic Showcases Innovation at Saigontex 2026

At **Saigontex 2026**, held from April 8–11, 2026 at the Saigon Exhibition & Convention Center in Ho Chi Minh City, Vietnam, visitors will witness a transformative step in textile quality assurance and sustainability. In Hall A, Booth 1H10, the local representative GOIN will present advanced measurement solutions from emtec Electronic GmbH, featuring the groundbreaking TSA Tactile Sensation Analyzer with the Virtual Haptic Library.





As global textile markets demand faster innovation, superior efficiency, and measurable sustainability, manufacturers face mounting pressure to deliver consistent quality while reducing environmental impact. Beyond aesthetics and price, hand feel and wearing comfort remain decisive purchasing factors. Yet these critical properties have traditionally relied on

subjective evaluation—often resulting in miscommunication, excessive sampling, extended lead times, and avoidable waste across supply chains.

The TSA Tactile Sensation Analyzer changes this paradigm. It objectively quantifies and digitizes key textile haptic parameters such as surface softness, smoothness, friction, stretch and recovery, compressibility, and thermo-haptic behavior. All results are securely stored in a cloud-based Virtual Haptic Library, enabling global access for R&D, quality control, sourcing, complaint management, and sales teams.

By digitally benchmarking development samples against established reference fabrics, companies can compress development timelines from months to weeks. Reduced reliance on physical sample shipments translates directly into lower material usage, minimized courier transport, decreased CO_2 emissions, and a significantly smaller environmental footprint. Furthermore, standardized digital data strengthens communication across international value chains, eliminating costly misunderstandings.

“The digitalization of textile hand feel creates transparency and efficiency throughout the entire value chain and makes a measurable contribution to sustainable textile manufacturing,” emphasizes Tony Nguyen of GOIN International Viet Nam Co., Ltd.

Saigontex 2026 attendees are invited to explore how objective haptic data can accelerate innovation, enhance precision, and redefine resource-efficient textile production.