



Taiwan Textile Research Institute

At the Taipei Innovative Textile Application Show in 2023, the Taiwan Textile Research Institute (TTRI) exhibits R&D achievement of high-end textiles, digital innovation, environmental sustainability, and testing and industry intelligent information.

1. High-end textiles

Deodorization polyester masterbatch and fiber, AquaBreath® textiles, microporous lightweight polyester fiber, iS MORE® nanofiber breathable membrane, functionalized graphene, three-dimensional composite fabric for high-end industry, 2-in-1 auxiliary apparel for motion detection and rehabilitation, haptic feedback for textiles.

2. Environmental sustainability

Technology development of processing on recycled fabric, polyester oxidation separation and recovery technology, nylon recycling and remanufacturing technology for moisture permeable membrane, carbon fiber/PC remodeling fiber composite, 2DF high color fastness dope dyed fluorescent fibers, dye-like digital printing textiles, digital environmental sustainability assessment and improvement.

3. Digital innovation

Radio frequency identification (RFID) yarn, textile pattern comparison and identification development technology, precision pattern comparison and identification technology, digital fabric virtual design service, textile equipment and process optimization technology, business intelligence module, textile professional information system, information retrieval standardization and edge computing technology.

4. Industry Service

Thermal shielding effectiveness testing and verification, contact resistance performance detection and verification technology, microfiber shedding resistance testing and verification, textile NET (Tnet) in Taiwan, Tnet textile academy.

For more information, please visit TTRI' s booth N102