

Super Dry Totech[®] launches new Dry Tower System for Volume & Process Optimized Components Storage



Super Dry Totech has announced the release of a new Dry Storage system for volume & process optimized components storage. The new [Dry Tower system](#) is to be launched this week at SMT Hybrid Packaging exhibition in Nuremberg.

Ever increasing miniaturization of electronics, including thinner components and new materials has made the management and treatment of moisture sensitivity an increasingly critical element of electronics manufacturing and product reliability. Electronics manufacturers are thus challenged to manage larger and larger volumes of parts in a controlled and traceable manner.

Totech Super Dry new automated Dry Storage Systems comprise integrated drying and storage environments with complete operator free material handling. Incorporating mature, proven drying technology and WMS-System integration capabilities, the system is also totally modular & can be configured for different size & storage requirements. All relevant data for processing components is saved into a data base, from entering the system through to the retrieval of components for production.

The Dry Tower storage system can be connected to different inventory control systems (WMS) through standard interfaces. Automated input and output at a central point reduces personnel time. Incoming components are determined by image size recognition as reels or trays and are automatically fed into the system. The system calculates the smallest storage position the component requires to save space. As an example of storage capacity, you can store up to 15000 7" reels. With a permanent

storage of ≤5% RH all MSL components can be stored safely and moisture free without oxidation. The floor life of the components can be stopped and reset to zero by using a separate heated section of up to 60° C.

Like the entire range of Totech Super Dry products, these are solutions for a new generation of electronics process problems. They are also cost efficient and extremely eco-friendly. They consume dramatically less energy than traditional methods while at the same time reducing overall floor space and logistics.

Learn more at www.superdry-totech.com

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About Super Dry Totech

Delivering globally to the world's top tier OEM and EMS companies, and manufacturing in Asia and in Europe, Totech Super Dry has become the industry measure for ultra low humidity storage cabinets. Proper control of moisture sensitive devices (MSDs) per IPC and JEDEC standards has become more critical than ever since the introduction of lead free and its higher reflow temperatures. Boasting <1% relative humidity control and the fastest recovery times, Super Dry cabinets are available in a wide range of sizes and configurations, all with certified performance control measures.

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