

Super Dry launches new vacuum sealing systems for MSD moisture barrier bags



MSD handling specialist Super Dry Totech has launched a new series of high power, high efficiency vacuum sealing machines for moisture barrier bags (MBB). Complementing the company's extensive range of ultra low humidity storage cabinets, the latest [SDV series](#) enable the controlled reduction of humidity and oxygen for long term storage and transport of moisture sensitive devices.

Designed to exceed the formidable challenges associated with IPC J-STD-033C (Components) and 1601 (Printed Circuit Boards) for handling Moisture Sensitive Devices, these systems are also ESD safe. The design features robust stainless steel construction with critical surfaces coated with dissipative plastics. The SDV is available in a range of sizes up to 400 X 600 mm sealing and a bleeder resistance of 1-6 Ohm/sq, compliant with ESD standard DIN 61340-5-2.

Digital process controls incorporate vacuum sensing which enable accurate and repeatable parameter programmability. 99 program memories facilitate fast and repeatable packaging changeovers, while ensuring easy handling and operation. Nitrogen may be installed to protect materials especially vulnerable to pressure and/or oxidation. This additional reduction of oxygen content is ideal for long term storage.

Double-seam and cut-off sealing are standard, and excess bag length can be readily removed. An elegantly designed plug-in system for the sealing bars is included, enabling secure fastening without cables. High sealing pressure provides reliable sealing even with thick, highly puncture resistant MBBs.

The SDV 46, 36 and 26 Vacuum Sealing Machines and Moisture Barrier Bags provide an ideal complement to the Super Dry® desiccant drying cabinets. For accelerated drying of components and PCBs without oxidation or inter-metallic build ups caused by traditional baking, Super Dry XSD Series cabinets combine the ultra-low <0.5% RH with 25-60C adjustable heaters. Their unique, dual wall insulated, dual glass enclosures control temperature to +/-1C, and eliminate heat conduction to the outside room while reducing total energy consumption.

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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