



*More than just dry air*

## ***Super Dry® Nitrogen-free Low Temperature Storage and Floor Life Reset***



Moisture specialist Super Dry ([www.superdry-totech.com](http://www.superdry-totech.com)) will feature its broad range of desiccant cabinets at this year's APEX in San Diego. Visitors to Booth 1603 will learn the processing and financial benefits of replacing costly nitrogen and eliminating high temperature baking for the protection of moisture sensitive components and PCBs.

The continuing miniaturization of electronics, including thinner components and new materials has made the management of moisture sensitivity an increasingly critical element of product reliability. Lead free processing is further challenging manufacturers to manage larger and larger volumes of parts in a controlled and traceable manner.

IPC /JEDEC-J-Std-033C specifies a maximum of 5% RH to safely store MSDs. This simply stops the clock... it does not remove moisture nor restore MSD floor life. Lead free processes, which create up to 3x the saturated vapor pressure within components, extend the risks of cracking, popcorning and delamination that cause field failures. Ultra-low humidity (<0.5%) desiccant cabinets not only safely store components, they can also remove moisture and reset component floor life, while providing oxidation prevention equivalent to nitrogen at a fraction of the cost.

Learn more at [www.superdry-totech.com](http://www.superdry-totech.com)

**Ends**

## About Super Dry<sup>®</sup>

With over 3,000 installations, and manufacturing in Europe and Asia, Super Dry by Totech EU has become the industry measure for ultra-low humidity storage and floor life reset. Proper control of moisture sensitive devices (MSDs) per IPC /JEDEC standards has become more critical than ever since the introduction of lead free and its higher reflow temperatures. Boasting 0.5% 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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