

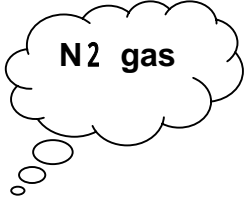



1) The comparison between **N2 gas** storage and **SUPER DRY** storage

	N2 gas storage	SUPER DRY storage
Advantages 	1) Avoid any oxidation by driving away the oxygen (O2) and fill in N2 gas. 2) 20% RH level can be achieved within few minutes.	1) Ultra low humidity level (1%RH) can be reached within a short period under the proper uses. 2) No construction is necessary, ultra low RH level storage can be simply realized only with plug socket for electricity. 3) Energy saving and environmental friendly designs.
Disadvantages 	1) Low RH level storage is impossible. (Only around 20% RH level can be realized.) 2) High running cost 3) Several safety and maintenance problems.	Oxidation cannot be totally avoided, but it can be effectively eliminated under 30% RH level of storage.

2) The comparison between the annual dehumidification running cost of a 1M3 (100L) material by **N2 gas** storage and **SUPER DRY** storage (Model:SD-1102-01)

Application Example	An US Mounting Company	A Japanese Company
	1) The cost of N2 gas 1M3 = US\$0.24 2) The consumption of N2 = 1.113M3/hr <u>Annual cost of N2 gas</u> US\$2349.39	1) The cost of N2 gas 1M3 = US\$ 1.25 2) The consumption of N2 = 0.15M3/hr (The consumption is relatively low) <u>Annual cost of N2 gas</u> US\$1620.00
	1) Local electricity charges = US\$0.13/Kw 2) Annual electricity consumption of SUPER DRY = 324Kw <u>Annual cost of SUPER DRY</u> US\$42.1	1) Local electricity charges = US\$0.19/Kw 2) Annual electricity consumption of SUPER DRY = 324Kw <u>Annual cost of SUPER DRY</u> US\$61.56
	US\$2307.29 Annual Saving	US\$1558.44 Annual Saving

Conclusion

- (1) With **SUPER DRY**, the above remarkable annual cost can be easily saved.
 - (2) Besides, only with a plug socket, ultra low humidity storage (1%RH) for SDM or PCBs in **SUPER DRY** can be effectively realized, avoiding any supply, supervision or exchange problem in using N2 gas storage.
- ➔ Nowadays, many international large enterprises have used SUPER DRY to replace the costly N2 gas storage.