

DRYAIR ZCS-SERIES Low Dew Point Glove Box Dehumidifiers: DRYAIR ZCS-Series dehumidifiers are designed for Dry Boxes and Glove Boxes with very low dew point (-50C) internal requirement and delivering air can be as low as -60 Celsius or 65 Celsius

One of the key components of this desiccant dryer is a Molecular-Sieve Rotor, which is ideal when applications call for a very low dew point environment. This high quality rotor performs well when process air is dry and/or hot; or when the environment is alkaline. The rotor is divided into three sections comprising the 1st Process Sector, the 2nd Process Sector and the Reactivation Sector which make the low dew point process airflow possible. The unit utilizes the most advanced dehumidification technology, and is well suited for Lithium battery Glove Boxes which require an ultra-low dew point internal environment, or other conditions with strict humidity requirements.

Characteristics:

1. Programmable controller. Human-computer interface, easy operation.
2. Optional Proportion Integration Differentiation controller for accurate reactivation temperature control , which makes the operation much safer and energy efficient.
3. Regular operation and time delay protection function greatly improves the machine's life span.
4. Accurate moisture control, which is energy saving.
5. Programmable computer controller can display each state parameter and has automatic diagnosis function.
6. Regeneration airflow and process airflow come through filter device, prolong the service life of the desiccant rotor.

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Technical Parameters

All return air -no fresh air (under the circumstance that there is not corrosive content in the glove box)

Model	Capacity	Process air volume	Refrigerate	Total power	Dpt	Size(L*W*H)mm
ZCS-200	≤5	200	1.5HP	6.5KW	≤-40℃	900*600*1600
ZCS-500	≤10	500	3HP	11.2KW		1400*700*1700
ZCS-1000	≤20	1000	2*3HP	22.4KW		1600*900*1950

All fresh air (there is corrosive content in the glove box)

Model	Capacity	Process air volume	Refrigerate	Total power	Dpt	Size(L*W*H)mm
ZCS-200S	≤10	200	3*1.5HP	9.8KW	≤-40℃	2000*600*1600
ZCS-500S	≤20	500	3*3HP	19.8KW		2400*700*1800
ZCS-1000S	≤40	1000	3*6HP	37.5KW		2800*900*2050