

1. System technical parameters

Serial	Project Name	Technical Parameters	Remark
1	Nitrogen flow	60Nm ³ /h	Adjustable
3	Nitrogen purity	≥99.99%	Oxygen-free content
4	Nitrogen outlet pressure	189±8 SPI	Adjustable
5	Nitrogen dew point	≤-40℃	
6	Nitrogen dust particle size	≤0.01 μm	
7	Nitrogen oil content	≤0.003ppm	
Note: Unless otherwise specified, the pressure in the table is the gauge pressure value; The flow unit "Nm³/h" refers to the flow unit at 0℃, 0.101MPa (absolute pressure); Nitrogen purity refers to the volume percentage % (V/V) in the absence of oxygen;			

Main accessories:

Serial	Name	Model Specifications	Quantity	Remark
1	Industrial frequency screw air compressor	LA-55GA	1	Bright
2	Freeze dryer	MAX-108F	1	Suzhou Max
3	Filters	F0515P/M/H/C	4	Italy ATS
4	Air buffer tank	C-1.0/1.6	1	Professional pressure vessel factory
5	Pressure swing adsorption nitrogen generator	HY-PN80/49	1	Suzhou Haiyu
6	Nitrogen buffer tank	C-1.0/1.6	1	Professional pressure vessel factory

2. Consumption of public works

Device power consumption

Serial	Name	Single installed power	Quantity Unit/Set	Remark
1	Industrial frequency screw air compressor	AC380V/55KW	1	
2	Freeze dryer	AC220V/3.6KW	1	
3	Pressure swing adsorption nitrogen generator	AC220V/0.5KW	1	
Total installed power		59.1KW		