

Universal Nitrogen Generator

CNP10



Technical parameters

model	CNP10
Technical Principles	PSA
Nitrogen flow	10~45L/min
Nitrogen purity	96~99.999%
Nitrogen pressure	0~110psi
Air compressor	Built-in oil-free scroll machine
Activation method	variable frequency startup
environmental temperature	5~40°C
Electricity	220VAC±10% , 50/60Hz
installed power	2.2KW
highest altitude	2000m
noise level	59±3db@1m
Overall dimensions	800x650x1580mm (LxWxH)
Weight	198kg
Optional Features	Smart Cloud Platform
	Maintenance Reminder
	Equipped with mobile wheels
normative	ISO9001: 2018 , CE

1. The above data is measured at an ambient temperature of 20° C.
For other working conditions, please contact Chenen;

2. Product manuals are subject to change without notice due to technical changes.

Product Features

air compressor

Adopting Japanese technology oil-free scroll head. Provide stable air source for the whole system; Adopting direct connection transmission, reducing unnecessary loss. Adopt VEIICH frequency conversion start, energy saving and consumption reduction.



Nitrogen Generator

Advanced loading process to ensure dense filling of molecular sieve;
The exclusive A-SEED process ensures the reliability of the machine;
Clean compressed air is provided as an option.

Basic Configuration

brand name	descriptions	quantities	note
Air compressor	Oil-free scroll	1set	CHANUN
Drying Membrane	Effective moisture removal	1set	AIRRANE&CKD
Filter set	Removes oil and dust from the air	1set	CHANUN
Air Storage Tank	20L/0.8MPa	1set	CHANUN
Adsorber	Aluminium alloy	1set	CHANUN
Carbon molecular sieve	CMS	1set	CHANUN
Compression device	Installed in adsorption tower	1set	CHANUN
Air flow distributor	Aluminium alloy	1set	CHANUN
Pneumatic valves	Fully automatic control	1set	SMC&CKD
Solenoid Valve	Fully automatic control	1set	Air tec
PLC controller		1pcs	SIEMENS
Residual oxygen analyser	Online monitoring of nitrogen purity	1pcs	CHANUN
Flow Meter	Online monitoring of nitrogen flow rate	1pcs	SMC
Frequency converter	Air compressor frequency conversion start	1set	VEICH
Electronic control part	Imported components	1set	CHANUN
Pressure gauge	Monitoring pressure at each node	4pcs	Air tec
Oxygen discharge muffler	Effective noise reduction	1set	SMC