



Address: No.6 industrial Park, Wanzitou Village, Pingchao Town,  
Tongzhou District, Nantong City, Jiangsu Province  
Tel: +86 15262868567  
Fax: +86(0513) 8672 0566  
E-mail: ntgx\_pump@163.com  
Official website: <https://www.gx-pump.com>



**SINCE 2011**



**NANTONG GUANGXING  
PNEUMATIC EQUIPMENT CO., LTD.**



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# /ABOUT US

Nantong GuangXing Pneumatic Equipment Co., Ltd. was established in 2011. Our company is a national high-tech and technologically innovative private enterprise. We have been engaged in the research and development of various high-pressure pneumatic equipment for nearly 20 years. Besides, we are also occupied in the hardware processing of various refined components. We have more than 15000 square meters of plant area, with modern production plants, advanced processing, and testing equipment.

We have more than 100 employees, including the core team, which contains more than 24 managers and engineers.







# /CORPORATION HISTORY

1996

Engaged in mold processing and manufacture.

2000

Engaged in the production of optical instrument accessories.

2003

Owned first Machining Center. Produced core accessories for civilian optical sights.

2006

Cooperated with another enterprise, which holds a gun manufacturing license, participated in the design of PCP air rifles.

2007

Owned 15000 square meters of plant area, and 20 CNC lathes. Started the R&D of high-pressure pumps and compressors.

2008

Started the mass production of a high-pressure hand pump.

2009

Started the production of a high-pressure compressor.

2010

Owned 8000 square meters of plant area. Formally established GX company.

2017

Started the R&D of portable high-pressure compressor series.

2019

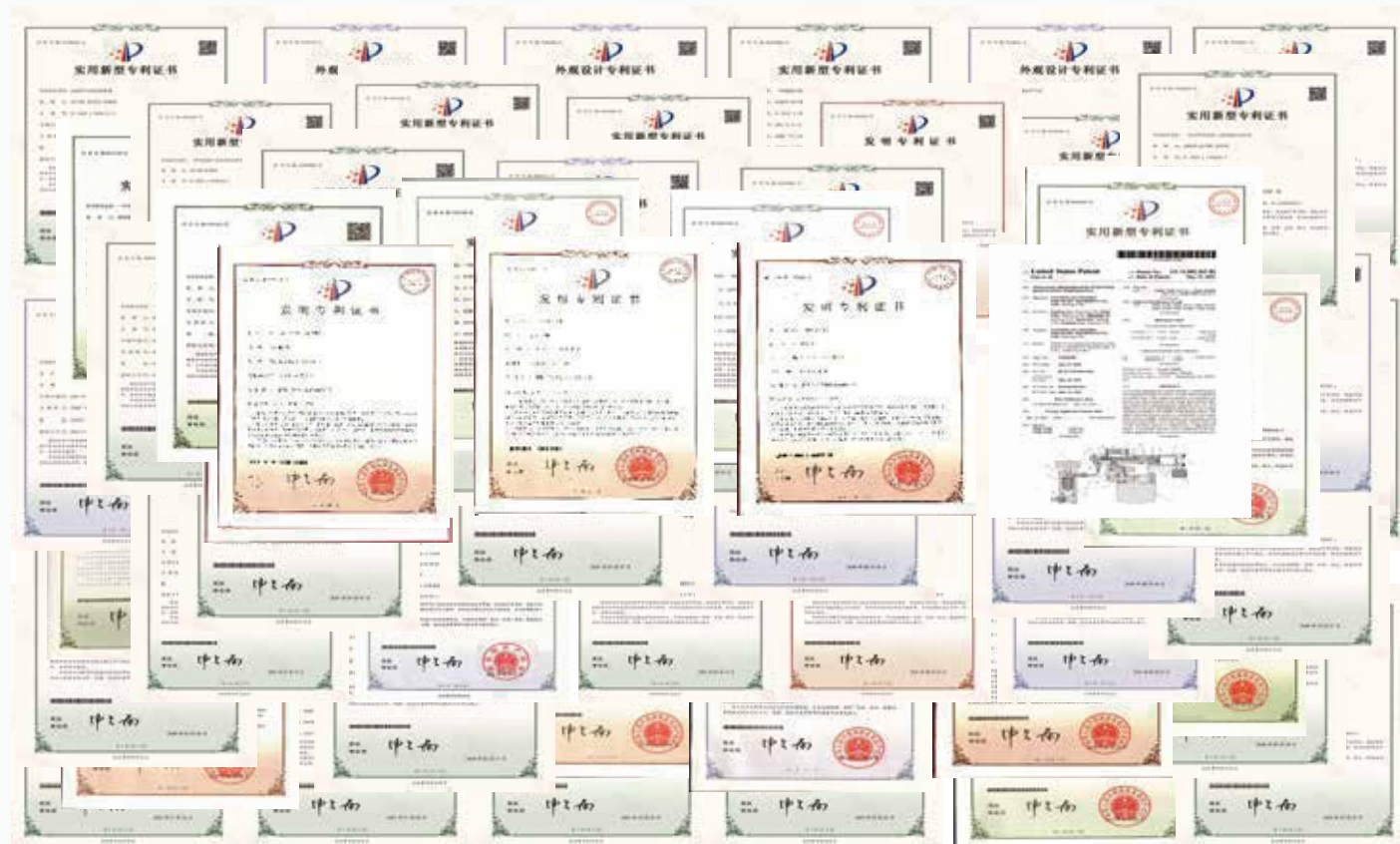
Succeed in the R&D of portable high-pressure compressors and launched them into mass production. Started the R&D of Lithium-battery powered compressors.

2021

Owns around 15000 square meters of plant area, which includes 10 machining centers, 60 CNC lathes, and many testing machines. Succeed in the R&D of Lithium battery-powered compressor products and launched them into mass production.



## R&D ACHIEVEMENTS



Our company is one of the largest manufacturers of high-pressure air pumps in China.

We insist on innovating and creating new products. We currently have 6 PCT International patents (the United States and the European Union), 9 Chinese invention patents, and more than 90 utility model patents. Besides, we have three nationally certified high-tech products.



## CORPORATION CULTURE

### Our Mission

Committed to the development and production of high-pressure air pumps as well as the terminal utilization of high-pressure air energy storage. We are striving for a new energy business powered by air.

### Our Vision

Keeping innovating and promoting Chinese products and Chinese brands to the world.

### Our Value

Insisting Integrity and responsibility and Oriented by national policy guidelines and focus on the world market.





# VEHICLE-MOUNTED COMPRESSOR

## GX-E-CS1

Model: GX-E-CS1      Weight: 5.21KGS  
 Power: 250W      Fill Rate: 12L/min  
 Max. Current: 25A      Noise Level: 78DB  
 Max. Fill Pressure: 310bar/4500psi  
 Voltage: 110V/220V AC Voltage or 12V Car Battery  
 Recommended Continuous Working Time: ≤30 mins  
 Automatic Stop Device: No      Lubrication: Oil-Free  
 Dimensions: 19.5\*17.5\*12.5cm  
 Recommended Volume of Cylinder: No more than 1 liter  
 Moisture Filtration Device: Sponge Filtration  
 Cooling System: Fan Cooling  
 Charging Time:  
 500cc tank, from 0 bar to 300 bars needs 17-20 mins



(110V/220VAC)

## GX-E-CS1-I (GXE-CS1-E)

Model: GX-E-CS1-I (GXE-CS1-E)      Weight: 6.9KGS  
 Power: 250W      Fill Rate: 9L/min  
 Max. Current: 25A      Noise Level: 78DB  
 Max. Fill Pressure: 300bar/4350psi  
 Voltage: 110V/220V AC Voltage or 12V Car Battery  
 Recommended Continuous Working Time: ≤30 mins  
 Automatic Stop Device: Yes      Lubrication: Oil-Free  
 Dimensions: 22.8\*26.7\*15.5cm      Transformer: Inbuilt  
 Recommended Volume of Cylinder: No more than 1 liter  
 Moisture Filtration Device: Sponge Filtration  
 Cooling System: Fan Cooling  
 Charging Time:  
 500cc tank, from 0 bar to 300 bars needs 17-20 mins



## GX-E-CS2

Model: GX-E-CS2      Weight: 6.7KGS  
 Power: 250W      Fill Rate: 11L/min  
 Max. Current: 25A      Noise Level: 77DB  
 Max. Fill Pressure: 310bar/4500psi  
 Voltage: 110V/220V AC Voltage or 12V Car Battery  
 Recommended Continuous Working Time: ≤60 mins  
 Automatic Stop Device: No      Lubrication: Oil-Free  
 Dimensions: 21\*12.5\*24cm  
 Recommended Volume of Cylinder: No more than 3 liter  
 Moisture Filtration Device: Sponge Filtration  
 Cooling System: Fan Cooling  
 Charging Time:  
 500cc tank, from 0 bar to 300 bars needs 13-14 mins



(110V/220VAC)



## GX-E-CS3

Model: GX-E-CS3  
 Power: 250W  
 Max. Current: 25A  
 Max. Fill Pressure: 320bar/4640psi  
 Voltage: 110V/220V AC Voltage or 12V Car Battery  
 Recommended Continuous Working Time: ≤60 mins  
 Automatic Stop Device: Yes  
 Dimensions: 13\*24\*27cm  
 Recommended Volume of Cylinder: No more than 3 liter  
 Moisture Filtration Device: Oil-water Separation System  
 Cooling System: Fan Cooling  
 Charging Time:  
 500cc tank, from 0 bar to 300 bars needs 18-20 mins



(110V/220VAC)

## GX-E-CS3-I

Model: GX-E-CS3-I  
 Power: 250W  
 Max. Current: 25A  
 Max. Fill Pressure: 320bar/4640psi  
 Voltage: 110V/220V AC Voltage or 12V Car Battery  
 Recommended Continuous Working Time: ≤60 mins  
 Automatic Stop Device: Yes  
 Dimensions: 14\*24\*27cm  
 Recommended Volume of Cylinder: No more than 3 liter  
 Moisture Filtration Device: Oil-water Separation System  
 Cooling System: Fan Cooling  
 Charging Time:  
 500cc tank, from 0 bar to 300 bars needs 18-20 mins



## GX-E-CS4

Model: GX-E-CS4  
 Power: 350W  
 Max. Current: 30A  
 Max. Fill Pressure: 400bar/5800psi  
 Voltage: 110V/220V AC Voltage or 12V Car Battery  
 Noise Level: 70DB  
 Weight: 13KGS  
 Recommended Continuous Working Time: ≤300 mins  
 Transformer: Inbuilt  
 Fill Rate: 11L/min  
 Lubrication: Oil-Free  
 Dimensions: 30\*15\*33cm  
 Automatic Stop Device: Yes  
 Recommended Volume of Cylinder: No more than 6.8 liter  
 Moisture Filtration Device: Oil-water Separation System  
 Cooling System: Water Cooling + Fan Cooling  
 Charging Time:  
 500cc tank, from 0 bar to 300 bars needs 14-16 mins










(110V/220VAC)

**GX-E-CS4-I**

Model: GX-E-CS4-I  
Power: 350W  
Max. Current: 30A  
Max. Fill Pressure: 400bar/5800psi  
Voltage: 110V/220V AC Voltage or 12V Car Battery  
Noise Level: 65DB  
Weight: 13.9KGS  
Recommended Continuous Working Time: ≤300 mins  
Transformer: Inbuilt  
Fill Rate: 13L/min  
Lubrication: Oil-Free  
Dimensions: 32\*15\*36cm  
Automatic Stop Device: Yes  
Recommended Volume of Cylinder: No more than 6.8 liter  
Moisture Filtration Device: Oil-water Separation System  
Cooling System: Water Cooling + Fan Cooling  
Charging Time:  
500cc tank, from 0 bar to 300 bars needs 14-16 mins



Model	GX-E-CS1	GX-E-CS1-I (GX-E-CS1-E)	GX-E-CS2	GX-E-CS3	GX-E-CS3-I	GX-E-CS4	GX-E-CS4-I
Description							
Recommended Continuous Working Time	≤30 mins	≤30 mins	≤60 mins	≤60 mins	≤60 mins	≤300 mins	≤300 mins
Net Weight	5.21KGS	6.9KGS	6.7KGS	9.3KGS	10.2KGS	13KGS	13.9KGS
Power	250W					350W	
Max.Fill Pressure	300bar/4350psi		310bar/4500psi	320bar/4640psi		400bar/5800psi	
Moisture Filtration Device	Sponge Filtration			Oil-water Separation System			
Fill Rate	12L/min	9L/min	11L/min				13L/min
Noise Level	78DB		77DB	72DB		70DB	65DB
Automatic Stop Device	No	Yes	No	Yes	Yes	Yes	
Charging Time (500cc tank) from 0 bar to 300 bars	17-20 mins		13-14 mins	18-20 mins		14-16 mins	



# LITHIUM BATTERY SERIES

## GX-E-L1

Model: GX-E-L1  
 Max. Current: 17A  
 Power: 250W  
 Max. Fill Pressure: 300bar/4350psi  
 Voltage: Capable of a run of 110V or 220V outlet or 18V lithium battery  
 Noise Level: 78DB  
 Fill Rate: 9L/min  
 Dimensions: 22.8\*26.7\*15.5cm  
 Weight: 6.3KGS  
 Automatic Stop Device: Yes  
 Moisture Filtration Device: Sponge Filtration  
 Cooling System: Fan Cooling  
 Lubrication: Oil-Free  
 Charging Time:  
 500cc tank, from 200 bars to 300 bars needs 6-7 mins  
 500cc tank, from 0 bar to 300 bars needs 17-20 mins  
 Lithium Battery: 144.3Wh(One battery can be used for 34 mins)



## GX-E-L2

Model: GX-E-L2  
 Max. Current: 17A  
 Power: 250W  
 Max. Fill Pressure: 310bar/4500psi  
 Voltage: Capable of a run of 110V or 220V outlet or 18V lithium battery  
 Noise Level: 72DB  
 Fill Rate: 14L/min  
 Dimensions: 22\*11.5\*25cm  
 Weight: 6.53KGS  
 Automatic Stop Device: No  
 Moisture Filtration Device: Sponge Filtration  
 Cooling System: Fan Cooling  
 Lubrication: Oil-Free  
 Charging Time:  
 500cc tank, from 200 bars to 300 bars needs 3-4 mins  
 500cc tank, from 0 bar to 300 bars needs 13-14 mins  
 Lithium Battery: 144.3Wh (One battery can be used for 34 mins)



## Battery Installation/Removal

lithium battery high pressure air pump GX-E-L2



### Installation:

Place The Battery Into The Slot Direction 1 And Then Push It In Direction 2



### Removal:

Press The Red Button In Direction 1 And Push The Battery Out In Direction 2

## GX-E-L3

Model: GX-E-L3

Max. Current: 17A

Power: 250W

Max.Fill Pressure: 310bar/4500psi

Voltage: Capable of a run of 110V or 220V outlet or 18V lithium battery

Noise Level: 72DB

Fill Rate: 14L/min

Dimensions: 26\*14.7\*30cm

Weight: 8.1KGS

Automatic Stop Device: Yes

Moisture Filtration Device: Sponge Filtration

Cooling System: Fan Cooling

Lubrication: Oil-Free

Charge Time:

500cc tank, from 200 bars to 300 bars needs 3-4 mins

500cc tank, from 0 bar to 300 bars needs 13-14 mins

Lithium Battery: 144.3Wh (One battery can be used for 34 mins)



(110V/220VAC)

## Battery Installation/Removal

Double lithium battery high pressure air pump GX-E-L3



### Installation:

Place The Battery Into  
The Slot Direction 1 And Then  
Push It In Direction 2



### Removal:

Press The Red Button In  
Direction 1 And Push The Battery  
Out In Direction 2

## GX-E-L3-I

Model: GX-E-L3-I

Max. Current: 17A

Power: 250W

Max.Fill Pressure: 310bar/4500psi

Voltage: Capable of a run of 110V or 220V outlet or 18V lithium battery

Noise Level: 72DB

Fill Rate: 14L/min

Dimensions: 26\*17.5\*30cm

Weight: 9.3KGS

Automatic Stop Device: Yes

Moisture Filtration Device: Sponge Filtration

Cooling System: Fan Cooling

Lubrication: Oil-Free

Charging Time:

500cc tank, from 200 bars to 300 bars needs 3-4 mins

500cc tank, from 0 bar to 300 bars needs 13-14 mins

Lithium Battery: 144.3Wh (One battery can be used for 34 mins)



(110V/220VAC)

## Battery Installation/Removal

Double lithium battery high pressure air pump GX-E-L3-I



### Installation:





Place The Battery Into  
The Slot Direction 1 And Then  
Push It In Direction 2



### Removal:

Press The Red Button In  
Direction 1 And Push The Battery  
Out In Direction 2



Model	GX-E-L1	GX-E-L2	GX-E-L3	GX-E-L3-I
Description				
Lubrication	Oil-Free			
Dimensions	22.8*26.7*15.5cm	22*11.5*25cm	26*14.7*30cm	26*17.5*30cm
Net Weight	6.3KGS	6.53KGS	8.1KGS	9.3KGS
Recommended QTY.of batteryoptions	1 battery	1 battery	2 batteries	2 batteries
Fill Rate	9L/min	14L/min		
Max.Current	17A			
Noise Level	78DB	72DB		
Automatic Stop Device	Yes	No	Yes	
Cooling System	Fan Cooling			
Voltage	Capable of a run of 110V or 220V outlet or 18V lithium battery			
Charging Time (500cc tank) from 0 bar to 300 bars	17-20 mins	13-14 mins		

# MANUAL PUMP SERIES

## GX-HP3


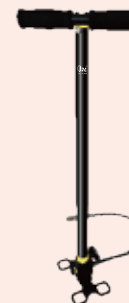




- Lenght: 594mm (Closed) -1072mm (Opened)
- Weight: 2KGS
- Max. Fill Pressure: 300bar/4350psi
- Pedal: Non-Foldable Pedal
- Color: Black
- Output Nut: G1/8, Ouick Connector: 8mm



## GX-HP3 Fold

- Lenght: 594mm (Closed) -1072mm (Opened)
- Weight: 2KGS
- Max. Fill Pressure: 300bar/4350psi
- Pedal: Basical Foldable Pedal
- Color: Black
- Output Nut: G1/8, Ouick Connector: 8mm



Model	GX-HP3	GX-HP3 Fold	GX-HP4 (GX-H-C15)	GX-HP4 Dry (GX-H-M6)	GX-HP4 Pro	GX-HP4 Pro Dry
Description						
Pedal	Non-Foldable Pedal	BasicalFoldable Pedal	Classical Foldable Pedal		Butterfly-shaped Foldable Pedal	
Pressure that the hose can afford	630bar/9135psi				1000bar/14500psi	
Lifting force	15-16KGS				8-9KGS	
Whether need to add oil	Yes				No	
Intake filter system	No				Yes	
Built-in filter system	No				Yes	
Air intake drying device inside of the handle	No				Yes	






# ELECTRICAL COMPRESSOR

## GX-E-1

Model: GX-E-1  
Power: 900W  
Max. Current: 220V-4.5A/110V-9A  
Max. Fill Pressure: 496bar/7200psi  
Recommended Continuous Working Time: ≤480 mins  
Power Supply: 110V 60Hz/220V 50Hz  
Noise Level: 65-70DB  
Fill Rate: 18L/min  
Dimensions: 47\*25\*42cm  
Weight: 29.6KGS  
Automatic Stop Device: Yes  
Cooling System: Fan Cooling + Water Cooling  
Moisture Filtration Device:  
Oil-water Separation System  
Charging Time:  
500cc Tank, from 0 bar to 300 bars needs 8-9 mins





Model	GX-E-1	GX-E-4C	GX-E-5K1	GX-E-5K2	GX-E-F1
Description					
Power	900W	1200W	900W	1200W	900W
Automatic Drainage System	No (Optional)				
Fill Rate	18L/min	36L/min	18L/min	36L/min	18L/min
Charging Time (500cc tank) from 0 bar to 300 bar	8-9mins	4-5mins	8-9mins	4-5mins	8-9mins
Recommended Continuous Working Time	≤8h				
Power Supply	110V 60Hz / 220V 50Hz				
Max. Fill Pressure	496bar/7200psi				
Noise Level	65-70DB				
Cooling System	Air Cooling + Water Cooling				
Automatic Stop Device	Yes				

# /2024 NEW PRODUCTS

## GX-HP4 (M)

- Lenght: 710mm (Closed) -1260mm (Opened)
- Weight: 3KGS
- Max. Fill Pressure: 300bar/4350psi
- Pedal: Classical Foldable Pedal
- Color: Camouflage, Black, Silver
- Output Nut: M10\*1, Quick Connector: 8mm



# ACCESSORIES

## 16 Activated carbon filter

- 1.The exterior adopts all-aluminum alloy structure. The surface is anodized to resist corrosion and oxidation.
- 2.The filter element adopts high-density compressed activated carbon rod and cotton rod composite structure, the adsorption and filtration effect is better than the traditional granular activated carbon. After filtration, the air is purer and will not corrode the container. It is safer to use.
- 3.One end of the filter adopts 8mm fast male joint, and the other end adopts 8mm fast female joint. Can be quickly matched with high pressure gas cylinder and high pressure pump.



## 30 Activated carbon filter

1. The filter element adopts high-density compressed activated carbon rod and cotton rod composite structure, the adsorption and filtration effect is better than the traditional granular activated carbon. After filtration, the air is purer and will not corrode the container. It is safer to use.
2. One end of the filter adopts 8mm fast male joint, and the other end adopts 8mm fast female joint. Can be quickly matched with high pressure gas cylinder and high pressure pump.



## Drain filter

The basic principle of the filter is to increase the air pressure, increase the saturated vapor pressure temperature of the air, reduce the condensation temperature of the water vapor, so that the water in the air can be effectively condensed at room temperature. It has been shown that 95% of the moisture in a gas of 18Mpa can condense at room temperature. At the same time, based on this principle, the oil can also be well separated.

