



**CUSTOMER FIRST PEOPLE FIRST  
QUALITY FIRST VALUE FIRST**

**ENERGY SAVING / RELIABLE  
CLEAN / LESS MAINTENANCE**

Meet all your imagination for a small air source



总部办公室地址：江苏省昆山市巴城镇红杨路725号浩义泰产业园

Add : Haoyitai Industrial Park, No.725, Hongyang Road, Kunshan, Jiangsu Province

客户专线【Hotline】：0512-88820290

联系人/Attn.：李娜 / Lina (+86 13382516956 )

国内网址【Domestic website】： <http://www.ycchuqiguan.com>

国际官网【International websites】： <https://www.youchengzhixin.com>



# PRODUCT BROCHURE

**PROFESSIONAL SMALL-SCALE OIL-FREE  
SOURCE SOLUTION CUSTOMIZER**

Since 2013, focusing on small oil-free  
machines for 12 years



**Jiangsu Youcheng Zhixin Electromechanical Equipment Co., Ltd., China**

# ABOUT US

## 2013

ESTABLISHED IN 2013 AS  
A WELL-KNOWN  
DOMESTIC BRAND

## 12

FOR 12 CONSECUTIVE YEARS IN THE DOMESTIC AND  
INTERNATIONAL INDUSTRY, SALES HAVE WON A HIGH REPUTATION  
IN THE MARKET



### BRAND MISSION

Providing high-quality products  
and services to global automation  
equipment enterprises under the  
name of YOUNGZHIXING



### BRAND VISION

Creating high-quality brands  
creating first-class enterprises



### CORE VALUES

Customer priority  
People oriented  
Excellent quality  
High value

### QUALITY SEEK SURVIVAL, PRESTIGE DEVELOPMENT

Since its establishment in 2013, YCZX has professional R&D personnel,  
high-end technical personnel and sales team, which can quickly respond to  
market demand. In the process of continuous innovation, strictly control  
product quality and process, give back to customers with high-quality and  
high-standard products, and serve customers with excellent professional skills.

### HONEST SERVICE CUSTOMER FIRST

YCZX company adheres to the service concept of customer first and bases  
itself on the market with integrity. And also adheres to the customer-oriented  
business policy. The company constantly strengthens the service awareness of  
all employees, and provides customers with high-quality, efficient and thoughtful  
services through skills training and professional assessment for pre-sales, sales  
and after-sales teams!

# OUR STORY

Jiangsu Youcheng Zhixin Electromechanical Equipment Co., Ltd.  
(referred to as "Youcheng Zhixin") Founded in 2013, it is now located  
in Kunshan, Jiangsu Province.

It is an enterprise that integrates research and development, design,  
production, and sales. The main products include: air storage tanks,  
vacuum pumps, motors, fans, pneumatic components, vacuum system  
hardware products, electronic materials, etc. The specific application  
areas mainly include the following: in the power industry, petrochemical  
industry, food industry, CNC processing, pharmaceutical industry,  
printing industry, aerospace industry, plastic industry, laboratory medical  
equipment, etc.

The company has always adhered to the principle of "customer first,  
people-oriented, quality first, and value first". With high-quality products,  
good reputation, and high-quality service, the products are best-selling  
nationwide and exported to 155 countries around the world. Sincerely  
cooperate with domestic and foreign merchants for win-win cooperation,  
common development, and create brilliance together!

## 500

Under the Group  
With 500 employees

## 25000

Total area of the base  
Over 25000 square meters

## 155

Our products are exported  
to the world more than 155  
countries and regions

## 50

And over 50 countries  
established a good business  
partnership



**ENERGY SAVING / RELIABLE  
CLEAN / LESS MAINTENANCE**

Meet all your imagination for a small air source

---

**HIGH VACUUM SOLUTIONS**

**01-06**

High precision vacuum pump head

01-04

High precision vacuum pump

05-06

---

**MEDICAL GRADE AIR SOURCE SOLUTION**

**07-19**

High precision pump head

08-11

Ultra-clean medical air pump

12-19

---

**SCIENTIFIC RESEARCH GRADE AIR SOURCE SOLUTION**

**20-32**

Box type ultra-clean no oil and gas source

---

**INDUSTRIAL GRADE AIR SUPPLY SOLUTION**

**33-40**

The tooling is silent and has no oil and gas source

---

**NEW ENERGY GAS SOURCE SOLUTIONS**

**41-44**

Oil-free electric air compressor

## HIGH VACUUM SOLUTIONS

**HIGH VACUUM / HIGH FLOW /  
HIGH RELIABILITY**

**APPLICATIONS:**

Robot automation industry, packaging machine, medical industry, aerospace, laboratory, precision instruments, electronics, printing, shipbuilding, and other fields

**CLIENT:**

Huawei, Foxconn, ZTE, Hualian Group,  
Huazhong University of Science and Technology









## HIGH VACUUM SOLUTIONS

### HIGH-PRECISION VACUUM PUMP HEADS

#### FEATURES

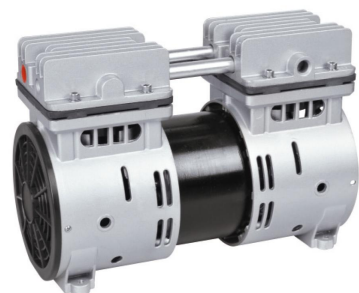
High Reliability / High Vacuum / High Flow / Low Temperature Rise / Low Noise / Imported Bearing / Swedish Valve Plate / Oil-free Environmental Protection / Maintenance-free

#### FIELDS OF APPLICATION

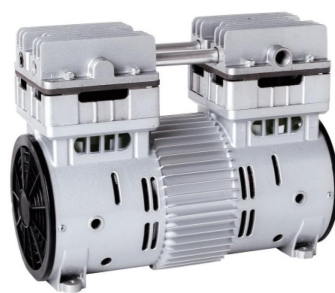
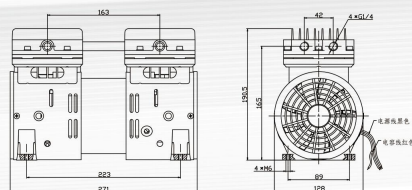
Robot automation industry/packaging machine/medical industry/aerospace laboratory/precision instrument/electronic printing/shipbuilding and other fields

#### STRATEGIC COOPERATION

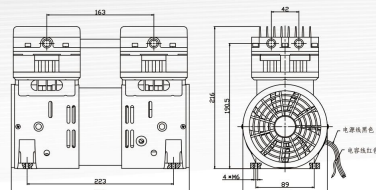
Huawei/Foxconn/ZTE/Hualian Group/Huazhong University of Science and Technology



MODEL: **SY-1500**



MODEL: **SY-2000**



MODEL	ONE-STAGE VACUUM		TWO-STAGE VACUUM		CALIBRE mm	NOISES dB	MOTOR POWER kW	WEIGHT Kg	INLET THREADS mm	DIMENSIONS LxWxH INSTALLATION DIMENSIONS cm
	VACUUM Kpa	FLOW RATE L/Min	VACUUM Kpa	FLOW RATE L/Min						
SY-1500	-92	150	-90	65	Φ8	≤58	0.28	8	M12x1.25 & G1/4	27.1x12.8x19 22.3x8.9
SY-2000	-92	200	-98	100	Φ8	≤58	0.45	10.5	M12x1.25 & G1/4	27.1x12.8x21.6 22.3x8.9

### HIGH-PRECISION VACUUM PUMP HEADS

#### FEATURES

High Reliability / High Vacuum / High Flow / Low Temperature Rise / Low Noise / Imported Bearing / Swedish Valve Plate / Oil-free Environmental Protection / Maintenance-free

#### FIELDS OF APPLICATION

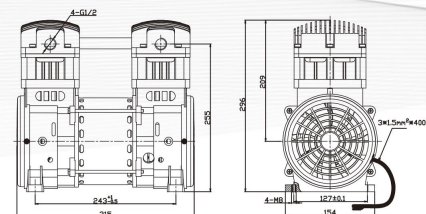
Robot automation industry/packaging machine/medical industry/aerospace laboratory/precision instrument/electronic printing/shipbuilding and other fields

#### STRATEGIC COOPERATION

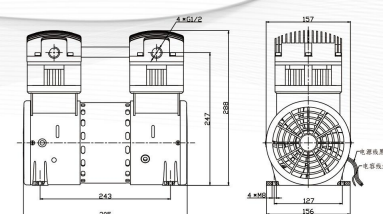
Huawei/Foxconn/ZTE/Hualian Group/Huazhong University of Science and Technology



MODEL: **SY-2600**



MODEL: **SY-3000**



MODEL	ONE-STAGE VACUUM		TWO-STAGE VACUUM		CALIBRE mm	NOISES dB	MOTOR POWER kW	WEIGHT Kg	INLET THREADS mm	DIMENSIONS LxWxH INSTALLATION DIMENSIONS cm
	VACUUM Kpa	FLOW RATE L/Min	VACUUM Kpa	FLOW RATE L/Min						
SY-2600	-93	260	-99	135	Φ10	≤68	0.58	17	M12x1.25 & G1/2	31.5x15.4x29.6 24.3x12.7
SY-3000	-93	300	-99	150	Φ10	≤68	0.95	18	M12x1.25 & G1/2	30.5x15.7x28.8 24.3x12.7

## HIGH VACUUM SOLUTIONS

### HIGH-PRECISION VACUUM PUMP HEADS

#### HIGH VACUUM

The two-stage vacuum can reach up to 1000pa, and the pumping is fast, ruthless and stable

#### HIGH ENERGY SAVING

100% pure copper wire, national first-class energy efficiency

#### HIGH RELIABILITY

Imported bearings, German PEEP high wear-resistant sealing materials and Swedish valve plates have a longer and more stable service life

#### LOW NOISE

Upgraded noise reduction, external silencer, noise as low as 55 decibels

#### LOW TEMPERATURE RISE

The main phase temperature is as low as 60K, and it runs continuously for 24 hours without stopping

#### OIL-FREE ENVIRONMENTALLY FRIENDLY

Free oil-water separation filter, deep filtration of impurities, cleaner vacuum, no need for lubricating oil, eliminating the trouble of refueling and maintenance

#### MICROCOMPUTER VACUUM GAUGE

The vacuum degree can be flexibly adjusted, the vacuum parameters can be accurately displayed, it is convenient and quick to use, and the unit adopts air-cooled exhaust temperature to be lower

**AIR HOLDER**  
The internal special treatment can make the air supply cleaner



MODEL	FREQUENCY Hz	PUMPING SPEED L/Min	ULTIMATE VACUUM PRESSURE Pa	NOISES dB	MOTOR POWER kW	WEIGHT Kg	GAS TANKS L	DIMENSIONS LxWxH(cm)
SY-2000SINGLE-STAGE	50/60	200	$6.0 \times 10^{-3}$	≤58	0.45	26	30	56x27x60
SY-2000TWO-STAGE	50/60	100	$1.5 \times 10^{-3}$	≤58	0.45	26	30	56x27x60
SY-2000x2SINGLE-STAGE	50/60	400	$5.0 \times 10^{-3}$	≤62	2x0.45	49	55	69x34x63
SY-2000x2TWO-STAGE	50/60	200	$1.0 \times 10^{-3}$	≤62	2x0.45	49	55	69x34x63

### HIGH-PRECISION VACUUM PUMP HEADS

#### HIGH VACUUM

The two-stage vacuum can reach up to 1000pa, and the pumping is fast, ruthless and stable

#### HIGH ENERGY SAVING

100% pure copper wire, national first-class energy efficiency

#### HIGH RELIABILITY

Imported bearings, German PEEP high wear-resistant sealing materials and Swedish valve plates have a longer and more stable service life

#### LOW NOISE

Upgraded noise reduction, external silencer, noise as low as 55 decibels

#### LOW TEMPERATURE RISE

The main phase temperature is as low as 60K, and it runs continuously for 24 hours without stopping

#### OIL-FREE ENVIRONMENTALLY FRIENDLY

Free oil-water separation filter, deep filtration of impurities, cleaner vacuum, no need for lubricating oil, eliminating the trouble of refueling and maintenance

#### MICROCOMPUTER VACUUM GAUGE

The vacuum degree can be flexibly adjusted, the vacuum parameters can be accurately displayed, it is convenient and quick to use, and the unit adopts air-cooled exhaust temperature to be lower

**AIR HOLDER**  
The internal special treatment can make the air supply cleaner



MODEL	FREQUENCY Hz	PUMPING SPEED L/Min	ULTIMATE VACUUM PRESSURE Pa	NOISES dB	MOTOR POWER kW	WEIGHT Kg	GAS TANKS L	DIMENSIONS LxWxH(cm)
SY-2600SINGLE-STAGE	50/60	260	$5.0 \times 10^{-3}$	≤60	0.58	37	40	69x32x72
SY-2600TWO-STAGE	50/60	130	$1.0 \times 10^{-3}$	≤60	0.58	37	40	69x32x72
SY-2600x2SINGLE-STAGE	50/60	520	$5.0 \times 10^{-3}$	≤63	2x0.58	80	65	100x38x76
SY-2600x2TWO-STAGE	50/60	260	$1.0 \times 10^{-3}$	≤63	2x0.58	80	65	100x38x76





# MEDICAL GRADE AIR SOURCE SOLUTION

ULTRA-CLEAR AIR SOURCE  
LOW NOISE AND SILENCE

APPLICATIONS:  
Dental, food packaging, laboratory, chemical,  
oxygen and nitrogen production

CLIENT:  
Regal, Gree, Dailuo, Xinhua Medical, Yuyue,  
Chinese Stomatological Association

# HIGH-PRECISION VACUUM PUMP HEADS

FEATURES  
High reliability/high flow/low temperature rise/low noise/imported bearing/swedish valve plate/oil-free environmental protection/maintenance-free

FIELDS OF APPLICATION  
Dental, food packaging, laboratory, chemical, oxygen and nitrogen production

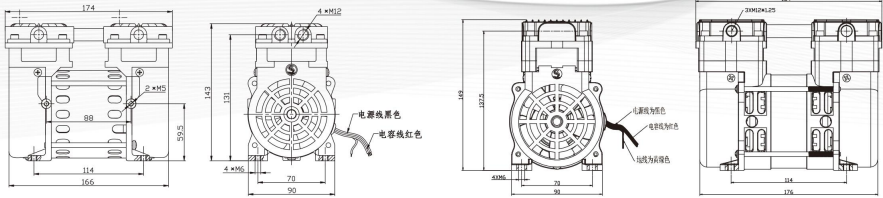
STRATEGIC COOPERATION  
Regal, Gree, Dailuo, Xinhua Medical, Yuyue, Chinese Stomatological Association



MODEL: OLF100



MODEL: OLF190



POWER SUPPLY	MODEL	TRAFFIC PERFORMANCE (LPM@BAR)					PRESSURE PERFORMANCE (BAR)			AMBIENT TEMPERATURE (°C)		INPUT POWER WATTS	ROTATE SPEED RPM	NET WEIGHT KG
		0	1.0	1.5	2.0	2.5	RATED PRESSURE	MAXIMUM PRESSURE	RESTART THE PRESSURE	MINIMUM TEMPERATURE	MAXIMUM TEMPERATURE			
AC,50Hz	OLF100D	40.0	28.3	25.0	23.3	20.0	1.4	2.0	0	-5	40	130	1390	3.5
	OLF190D-090	48.3	35.0	30.0	28.3	25.0	1.4	2.0	0	-5	40	190	1390	6.0
DC	OLF100D-076	48.3	35.0	30.0	28.3	25.0	2.0	5.0	2.0	-5	40	145	1700	2.8



# MEDICAL-GRADE COMPRESSED AIR SOLUTIONS

## HIGH-PRECISION VACUUM PUMP HEADS

### FEATURES

High reliability/high flow/low temperature rise/low noise/imported bearing/swedish valve plate/oil-free environmental protection/maintenance-free

### FIELDS OF APPLICATION

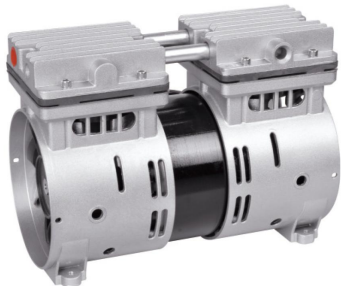
Dental, food packaging, laboratory, chemical, oxygen and nitrogen production

### STRATEGIC COOPERATION

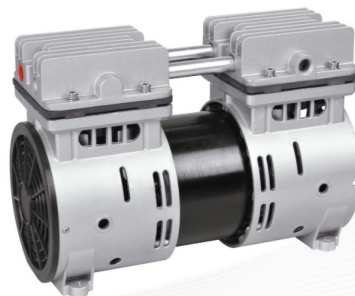
Regal, Gree, Dailuo, Xinhua Medical, Yuyue, Chinese Stomatological Association



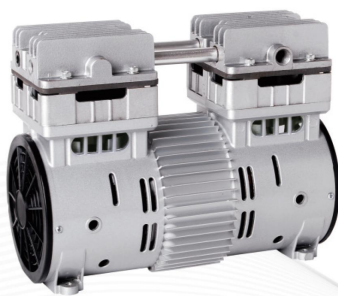
MODEL: OLF295



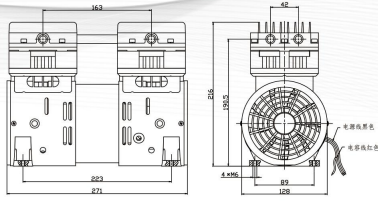
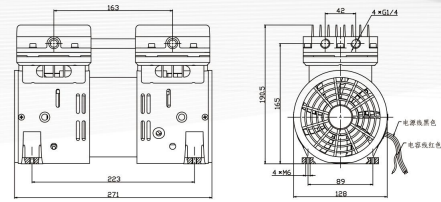
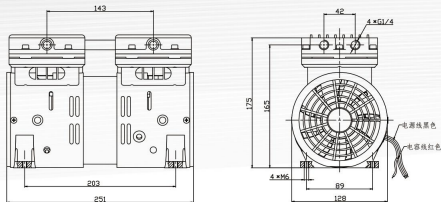
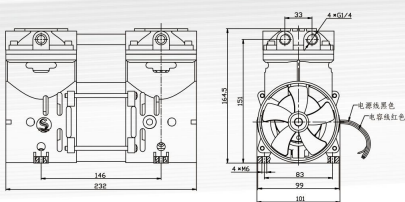
MODEL: OLF370



MODEL: OLF550



MODEL: OLF750AF



POWER SUPPLY	MODEL	TRAFFIC PERFORMANCE (LPM@BAR)					PRESSURE PERFORMANCE (BAR)			AMBIENT TEMPERATURE (°C)		INPUT POWER WATTS	ROTATE SPEED RPM	NET WEIGHT KG
		0	1.0	1.5	2.0	2.5	RATED PRESSURE	MAXIMUM PRESSURE	RESTART THE PRESSURE	MINIMUM TEMPERATURE	MAXIMUM TEMPERATURE			
AC,50Hz	OLF295D	81.7	65.0	58.3	53.3	48.3	2.0	2.5	0	-5	40	300	1400	6.3
	OLF320D	88.3	68.3	61.7	60	56.7	2.0	2.5	0	-5	40	325	1400	6.3
AC,50Hz	OLF400D	118	96.7	91.7	86.7	81.7	2.0	2.5	0	-5	40	480	1400	8.5
	OLF370D	102	80	75	70	63.3	2.0	2.5	0	-5	40	370	1400	7.5

POWER SUPPLY	MODEL	TRAFFIC PERFORMANCE (LPM@BAR)					PRESSURE PERFORMANCE (BAR)			AMBIENT TEMPERATURE (°C)		INPUT POWER WATTS	ROTATE SPEED RPM	NET WEIGHT KG
		0	2.0	4.0	6.0	8.0	RATED PRESSURE	MAXIMUM PRESSURE	RESTART THE PRESSURE	MINIMUM TEMPERATURE	MAXIMUM TEMPERATURE			
AC,50Hz	OLF550D	102	70	55	45.7	35	7.0	8.0	1.0	-5	40	560	1380	9.0
	OLF750D	135	96.7	76.7	68.3	53.3	7.0	8.0	1.0	-5	40	780	1380	9.0
直流DC	OLF550D-106	102	70	55	45.7	35	7.0	8.0	4.0	-5	40	520	17502	6.8

# MEDICAL-GRADE COMPRESSED AIR SOLUTIONS

## HIGH PRECISION VACUUM PUMP HEADS

### FEATURES

High Reliability / High Vacuum / High Flow / Low Temperature Rise / Low Noise / Imported Bearing / Swedish Valve Plate / Oil-free Environmental Protection / Maintenance-free

### FIELDS OF APPLICATION

Robot automation industry/packaging machine/medical industry/aerospace laboratory/precision instrument/electronic printing/shipbuilding and other fields

### STRATEGIC COOPERATION

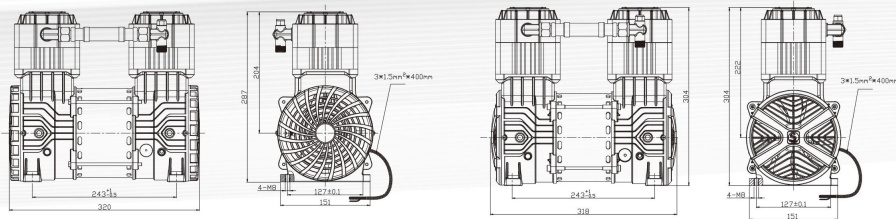
Huawei/Foxconn/ZTE/Hualian Group/Huazhong University of Science and Technology



MODEL: **OLF1500**



MODEL: **OLF1800**



POWER SUPPLY	MODEL	TRAFFIC PERFORMANCE (LPM@BAR)					PRESSURE PERFORMANCE (BAR)			AMBIENT TEMPERATURE (°C)		INPUT POWER WATTS	ROTATE SPEED RPM	NET WEIGHT KG
		0	2.0	4.0	6.0	8.0	RATED PRESSURE	MAXIMUM PRESSURE	RESTART THE PRESSURE	MINIMUM TEMPERATURE	MAXIMUM TEMPERATURE			
AC,50Hz	OLF1100D	200	160	137	125	103	7.0	8.0	1.0	-5	40	1100	1380	17
AC,50Hz	OLF1500D	260	223	192	175	145	8.0	9.0	1.0	-5	40	1500	1380	17
AC,50Hz	OLF1800D	300	243	212	195	165	8.0	9.0	1.0	-5	40	1800	1380	17.5

# ULTRA-CLEAN MEDICAL-GRADE AIR COMPRESSOR

### LOW NOISE

Upgraded noise reduction, external silencer, noise as low as 59 decibels

### THE TEMPERATURE RISE IS LOW

The main phase temperature is as low as 60K, and it runs continuously for 24 hours without stopping

### OIL-FREE ENVIRONMENTALLY FRIENDLY

Free oil-water separation filter, deep filtration of impurities, cleaner vacuum, no need for lubricating oil, eliminating the trouble of refueling and maintenance

### SUPER ENERGY EFFICIENT

The motor meets the national first-class energy efficiency standard, which is 30% higher than the efficiency of ordinary motors.

### LONG LIFESPAN

Imported bearings, imported spare parts, German PEEP high wear-resistant sealing materials and Swedish valve plates have a longer service life



MODEL	MOTOR kW	NUMBER REVOLUTIONS R.P.M	EXHAUST VOLUME L/min	MAXIMUM PRESSURE Bar	GAS TANKS L	WEIGHT Kg	DIMENSIONS LxWxH cm
YY-550-25	0.55	1380	102	7	25	25	45 × 45 × 65
YY-750-25	0.75	1380	135	7	25	25	45 × 45 × 68

# MEDICAL-GRADE COMPRESSED AIR SOLUTIONS

## ULTRA-CLEAN MEDICAL-GRADE AIR COMPRESSOR

### LOW NOISE

Upgraded noise reduction, external silencer, noise as low as 59 decibels

### THE TEMPERATURE RISE IS LOW

The main phase temperature is as low as 60K, and it runs continuously for 24 hours without stopping

### OIL-FREE ENVIRONMENTALLY FRIENDLY

Free oil-water separation filter, deep filtration of impurities, cleaner vacuum, no need for lubricating oil, eliminating the trouble of refueling and maintenance

### SUPER ENERGY EFFICIENT

The motor meets the national first-class energy efficiency standard, which is 30% higher than the efficiency of ordinary motors.

### LONG LIFESPAN

Imported bearings, imported spare parts, German PEEP high wear-resistant sealing materials and Swedish valve plates have a longer service life



MODEL	MOTOR KW	NUMBER REVOLUTIONS R.P.M	EXHAUST VOLUME L/min	MAXIMUM PRESSURE Bar	GAS TANKS L	WEIGHT Kg	DIMENSIONS LxWxH cm
YY-550x2-55	2x0.55	1380	204	7	55	51	70.5 × 35 × 58.5
YY-750x2-55	2x0.75	1380	270	7	55	53	70.5 × 35 × 62

## ULTRA-CLEAN MEDICAL-GRADE AIR COMPRESSOR

### LOW NOISE

Upgraded noise reduction, external silencer, noise as low as 62 decibels

### THE TEMPERATURE RISE IS LOW

The main phase temperature is as low as 60K, and it runs continuously for 24 hours without stopping

### OIL-FREE ENVIRONMENTALLY FRIENDLY

Free oil-water separation filter, deep filtration of impurities, cleaner vacuum, no need for lubricating oil, eliminating the trouble of refueling and maintenance

### SUPER ENERGY EFFICIENT

The motor meets the national first-class energy efficiency standard, which is 30% higher than the efficiency of ordinary motors.

### LONG LIFESPAN

Imported bearings, imported spare parts, German PEEP high wear-resistant sealing materials and Swedish valve plates have a longer service life



MODEL	MOTOR KW	NUMBER REVOLUTIONS R.P.M	EXHAUST VOLUME L/min	MAXIMUM PRESSURE Bar	GAS TANKS L	WEIGHT Kg	DIMENSIONS LxWxH cm
YY-1100x2-100	2x1.1	1400	400	8	100	66	90 × 45 × 78
YY-1500x2-100	2x1.5	1400	520	8	100	68	90 × 45 × 78



# MEDICAL-GRADE COMPRESSED AIR SOLUTIONS

## ULTRA-CLEAN MEDICAL-GRADE AIR COMPRESSOR

### LOW NOISE

Upgraded noise reduction, external silencer, noise as low as 62 decibels

### THE TEMPERATURE RISE IS LOW

The main phase temperature is as low as 60K, and it runs continuously for 24 hours without stopping

### OIL-FREE ENVIRONMENTALLY FRIENDLY

Free oil-water separation filter, deep filtration of impurities, cleaner vacuum, no need for lubricating oil, eliminating the trouble of refueling and maintenance

### ULTRA-ENERGY SAVING

The motor meets the national first-class energy efficiency standard, which is 30% higher than the efficiency of ordinary motors.

### LONG LIFESPAN

Imported bearings, imported spare parts, German PEEP high wear-resistant sealing materials and Swedish valve plates have a longer service life



MODEL	MOTOR KW	NUMBER REVOLUTIONS R.P.M	EXHAUST VOLUME L/min	MAXIMUM PRESSURE Bar	AIR TANK L	WEIGHT Kg	DIMENSIONS LxWxH cm
YY-1100-40	1.1	1400	200	8	40	42.5	54 × 39 × 92
YY-1500-40	1.5	1400	260	8	40	45	54 × 39 × 92

## ULTRA-CLEAN MEDICAL-GRADE AIR COMPRESSOR

### LOW NOISE

Upgraded noise reduction, external silencer, noise as low as 59 decibels

### THE TEMPERATURE RISE IS LOW

The main phase temperature is as low as 60K, and it runs continuously for 24 hours without stopping

### OIL-FREE ENVIRONMENTALLY FRIENDLY

Free oil-water separation filter, deep filtration of impurities, cleaner vacuum, no need for lubricating oil, eliminating the trouble of refueling and maintenance

### SUPER ENERGY EFFICIENT

The motor meets the national first-class energy efficiency standard, which is 30% higher than the efficiency of ordinary motors.

### LONG LIFESPAN

Imported bearings, imported spare parts, German PEEP high wear-resistant sealing materials and Swedish valve plates have a longer service life



MODEL	MOTOR KW/HP	NUMBER REVOLUTIONS R.P.M	EXHAUST VOLUME L/min	MAXIMUM PRESSURE Bar	AIR TANK L	WEIGHT Kg	DIMENSIONS LxWxH cm
YY-550-25	0.55	1380	102	8	25	25	44x44x60
YY-750-25	0.75	1380	135	8	25	26	44x44x60

# MEDICAL-GRADE COMPRESSED AIR SOLUTIONS

## ULTRA-CLEAN MEDICAL-GRADE AIR COMPRESSOR

### LOW NOISE

Upgraded noise reduction, external silencer, noise as low as 62 decibels

### THE TEMPERATURE RISE IS LOW

The main phase temperature is as low as 60K, and it runs continuously for 24 hours without stopping

### OIL-FREE ENVIRONMENTALLY FRIENDLY

Free oil-water separation filter, deep filtration of impurities, cleaner vacuum, no need for lubricating oil, eliminating the trouble of refueling and maintenance

### SUPER ENERGY EFFICIENT

The motor meets the national first-class energy efficiency standard, which is 30% higher than the efficiency of ordinary motors.

### LONG LIFESPAN

Imported bearings, imported spare parts, German PEEP high wear-resistant sealing materials and Swedish valve plates have a longer service life



MODEL	MOTOR KW	NUMBER REVOLUTIONS R.P.M	EXHAUST VOLUME L/min	MAXIMUM PRESSURE Bar	AIR TANK L	WEIGHT Kg	DIMENSIONS LxWxH cm
YY-550-30	0.55	1380	102	8	30	26	44x44x63
YY-750-30	0.75	1380	135	8	30	27	44x44x63

## ULTRA-CLEAN MEDICAL-GRADE AIR COMPRESSOR

### LOW NOISE

Upgraded noise reduction, external silencer, noise as low as 59 decibels

### THE TEMPERATURE RISE IS LOW

The main phase temperature is as low as 60K, and it runs continuously for 24 hours without stopping

### OIL-FREE ENVIRONMENTALLY FRIENDLY

Free oil-water separation filter, deep filtration of impurities, cleaner vacuum, no need for lubricating oil, eliminating the trouble of refueling and maintenance

### SUPER ENERGY EFFICIENT

The motor meets the national first-class energy efficiency standard, which is 30% higher than the efficiency of ordinary motors.

### LONG LIFESPAN

Imported bearings, imported spare parts, German PEEP high wear-resistant sealing materials and Swedish valve plates have a longer service life



MODEL	MOTOR KW	NUMBER REVOLUTIONS R.P.M	EXHAUST VOLUME L/min	MAXIMUM PRESSURE Bar	AIR TANK L	WEIGHT Kg	DIMENSIONS LxWxH cm
YY-550-40	0.55	1380	102	8	40	35	44x44x72
YY-750-40	0.75	1380	135	8	40	38	44x44x72



# MEDICAL-GRADE COMPRESSED AIR SOLUTIONS

## ULTRA-CLEAN MEDICAL-GRADE AIR COMPRESSOR

### LOW NOISE

Upgraded noise reduction, external silencer, noise as low as 62 decibels

### THE TEMPERATURE RISE IS LOW

The main phase temperature is as low as 60K, and it runs continuously for 24 hours without stopping

### OIL-FREE ENVIRONMENTALLY FRIENDLY

Free oil-water separation filter, deep filtration of impurities, cleaner vacuum, no need for lubricating oil, eliminating the trouble of refueling and maintenance

### ULTRA-ENERGY SAVING

The motor meets the national first-class energy efficiency standard, which is 30% higher than the efficiency of ordinary motors.

### LONG LIFESPAN

Imported bearings, imported spare parts, German PEEP high wear-resistant sealing materials and Swedish valve plates have a longer service life



MODEL	MOTOR KW	NUMBER REVOLUTIONS R.P.M	EXHAUST VOLUME L/min	MAXIMUM PRESSURE Bar	AIR TANK L	WEIGHT Kg	DIMENSIONS LxWxH cm
YY-750x2-65	1.5	1380	270	8	65	48	52x52x78
YY-1500x2-65	3	1380	520	8	65	90	62x62x95

## SCIENTIFIC RESEARCH GRADE AIR SOURCE SOLUTION

THE OVERALL DESIGN IS QUIET AND CAREFREE

APPLICATIONS:  
Hospitals, dentistry, laboratories and other fields

CLIENT:  
Ningbo University, Yuyue Medical,  
Huazhong University of Science and Technology,  
Xiamen University of Chemical Technology,  
Shanghai Museum of Natural History





# RESEARCH-GRADE COMPRESSED AIR SOLUTIONS

## THE OVERALL DESIGN IS QUIET AND WORRY-FREE

### FEATURES

- ULTRA-QUIET** / Microfiber sound insulation
- ULTRA-ENERGY SAVING** / The motor meets the national level energy efficiency standards
- ULTRALOW TEMPERATURE** / Using the principle of air convection, to achieve natural cooling, super low temperature
- SMALL SIZE** / Easy to carry, light weight
- AUTOMATIC DRAINAGE** / Drainage time can be arbitrarily set according to the work needs, no manual, easy to use, save time and labor
- MICROCOMPUTER INTELLIGENT CONTROL** / Can realize timing on, off, arbitrarily adjust the compressor start and stop pressure
- OIL-FREE ENVIRONMENTAL PROTECTION DESIGN** / Anti-corrosion treatment is adopted inside the gas storage tank to ensure air quality without pollution and impurities
- LONG SERVICE LIFE** / The whole machine adopts stainless steel pipes, imported bearings, German PEEP high wear-resistant sealing materials and Swedish valve plates have longer service life

### APPLICATION FIELD

It is widely used in medical, laboratory, water treatment, biopharmaceutical, environmental protection, printing, shipbuilding, machinery, textile, petrochemical, precision electronics, instrumentation, spraying, tobacco, nitrogen, food processing, optics, national defense research and any other fields that require clean compressed air

### MAJOR CUSTOMERS

Ningbo University / Yuyue Medical /  
Huazhong University of Science Technology /  
Xiamen University of Chemical Technology /  
Shanghai Museum of Natural History

### OPTIONAL

Freeze drying: make the air drier  
pollution-free precision filters:  
Ensure that the moisture content of the air is < 0.01ppm ,  
the dust content is < 0.01 u

Function Description:  
Microfiber soundproof cotton can reduce the  
internal special treatment of the air tank by 8-10dB,  
so that the air is cleaner



## THE OVERALL DESIGN IS QUIET AND WORRY-FREE

**MICROCOMPUTER VACUUM METER**  
The vacuum degree can be adjusted flexibly, the vacuum parameters can be accurately displayed, and the air-cooled exhaust temperature is lower

**MICROCOMPUTER MOTHERBOARD**

**VACUUM FILTER**  
Protect motor valve disc and cylinder piston, long service life

**SUPERFIBER SOUNDPROOFING IS SUPER QUIET**

**SUPERFIBER SOUNDPROOFING IS SUPER QUIET**

**AIR TANK**  
The internal special treatment can make the air source cleaner

MODEL	NUMBER REVOLUTIONS R.P.M	EXHAUST VOLUME L/min	MAXIMUM PRESSURE Bar	NOISES dB	MOTOR KW	WEIGHT Kg	AIR TANK L	DIMENSIONS LxWxH cm
KY-190x5	1380	48	8	≤50	0.19	15	5	42x16.1x26.2
KY-295x5	1380	81	8	≤50	0.3	18	5	42x16.1x26.2
KY-550x9	1380	102	8	≤58	0.55	37.5	9	54x26x61
KY-750x9	1380	135	8	≤58	0.75	38	9	54x26x61
KY-1500x9	1380	260	8	≤68	1.5	47	9	54x26x61

# RESEARCH-GRADE COMPRESSED AIR SOLUTIONS

## THE OVERALL DESIGN IS QUIET AND WORRY-FREE

### FEATURES

- OVERLOAD PROTECTION** / automatic protection of current, voltage or high or low voltage, so that the motor service life is longer and avoid accidents
- ULTRA QUIET** / Noise value less than 55 dB
- ULTRA-ENERGY SAVING** / Motor to meet the national level of energy efficiency standards, 30% higher than ordinary motor efficiency ultra-low temperature/use the principle of air convection, to achieve natural cooling, super low temperature
- ULTRA-LOW TEMPERATURE** / Using the principle of air convection, to achieve natural cooling, super low temperature
- DRIER** / Built-in condensing dryer to cool and remove water, making the air more waterless and cleaner
- HIGH PRESSURE** / German technology, up to 0.8Mpa
- AUTOMATIC DRAINAGE** / Drainage time can be arbitrarily set according to the work needs, no manual, easy to use, save time and labor
- LONG SERVICE LIFE** / The whole machine adopts stainless steel pipes, imported bearings, German PEEP high wear-resistant sealing materials and Swedish valve plates have longer service life

### APPLICATION FIELD

It is widely used in medical, laboratory, water treatment, biopharmaceutical, environmental protection, printing, shipbuilding, machinery, textile, petrochemical, precision electronics, instrumentation, spraying, tobacco, nitrogen, food processing, optics, national defense research and any other fields that require clean compressed air

### MAJOR CUSTOMERS

Ningbo University / Yuyue Medical /  
Huazhong University of Science Technology /  
Xiamen University of Chemical Technology /  
Shanghai Museum of Natural History

### OPTIONAL

Freeze drying: make the air drier  
pollution-free precision filters:  
Ensure that the moisture content of the air is <0.01 ppm ,  
the dust content is <0.01 u

Function Description:  
Microfiber soundproof cotton can reduce the  
internal special treatment of the air tank by 8-10dB,  
so that the air is cleaner



## THE OVERALL DESIGN IS QUIET AND WORRY-FREE

### MICROCOMPUTER VACUUM METER

The vacuum degree can be adjusted flexibly,  
the vacuum parameters can be accurately displayed,  
and the air-cooled exhaust temperature is lower

### SUPERFIBER SOUNDPROOFING IS SUPER QUIET



**AIR TANK**  
The internal special treatment  
can make the air source cleaner

**AUTOMATIC DRAINAGE**  
Intelligent control, no manual drainage  
is more convenient to use and save time  
and effort

**UNIVERSAL WHEEL**  
Easier to move

MODEL	NUMBER REVOLUTIONS R.P.M	EXHAUST VOLUME L/min	MAXIMUM PRESSURE Bar	NOISES dB	MOTOR KW	WEIGHT Kg	AIR TANK L	DIMENSIONS LxWxH cm
YY-550x24	1380	102	8	≤54	0.55	77	24	61x52x86
YY-750x24	1380	135	8	≤55	0.75	78	24	61x52x86
YY-750x24 WITH DESICCANT	1380	135	8	≤55	0.75	88	24	61x52x86
YY-1500x24	1400	260	8	≤58	1.5	86	24	61x52x86

# RESEARCH-GRADE COMPRESSED AIR SOLUTIONS

## THE OVERALL DESIGN IS QUIET AND WORRY-FREE

### FEATURES

- SUPER ENERGY EFFICIENT** / The motor meets the national energy efficiency standard, and the efficiency is 30% higher than that of ordinary motors
- SELF-DRAINING** / The drainage time can be set arbitrarily according to the work needs, no manual is required, and it is easy to use, saving time and effort
- DRIER** / It comes with a condensation dryer to cool down and remove water, making the air more waterless and cleaner
- AUTOMATIC FAULT DIAGNOSIS** / Automatic alarm of machine head, voltage and current faults, convenient for timely maintenance
- AUTOMATIC MEMORY** / Automatic memory of working time, convenient maintenance
- EXTREMELY LONG SERVICE LIFE** / The whole machine adopts stainless steel pipes, imported bearings, German PEEP high wear-resistant sealing materials and Swedish valve plates with longer service life
- LONG SERVICE LIFE** / The whole machine adopts stainless steel pipes, imported bearings, German PEEP high wear-resistant sealing materials and Swedish valve plates have longer service life

### APPLICATION FIELD

It is widely used in medical, laboratory, water treatment, biopharmaceutical, environmental protection, printing, shipbuilding, machinery, textile, petrochemical, precision electronics, instrumentation, spraying, tobacco, nitrogen, food processing, optics, national defense research and any other fields that require clean compressed air

### MAJOR CUSTOMERS

Ningbo University / Yuyue Medical /  
Huazhong University of Science Technology /  
Xiamen University of Chemical Technology /  
Shanghai Museum of Natural History

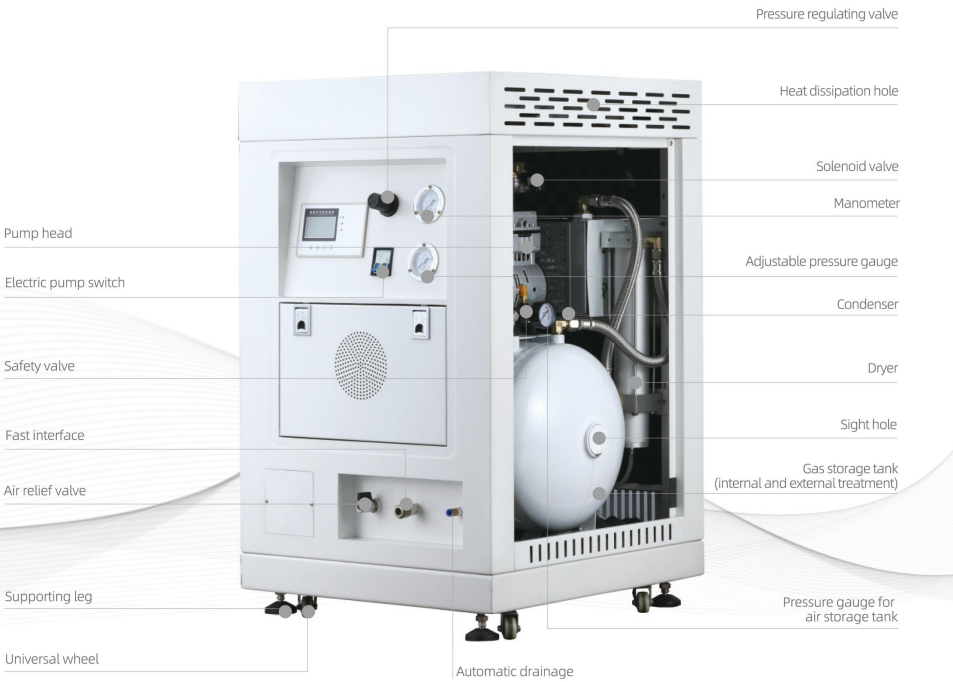
### OPTIONAL

Freeze drying: make the air drier  
pollution-free precision filters:  
Ensure that the moisture content of the air is < 0.01 ppm ,  
the dust content is < 0.01 u

Function Description:  
Microfiber soundproof cotton can reduce the  
internal special treatment of the air tank by 8-10dB,  
so that the air is cleaner



## THE OVERALL DESIGN IS QUIET AND WORRY-FREE



MODEL	NUMBER REVOLUTIONS R.P.M	EXHAUST VOLUME L/min	MAXIMUM PRESSURE Bar	NOISES dB	MOTOR KW	WEIGHT Kg	AIR TANK L	DIMENSIONS LxWxH cm
KY-750x65x2	1400	270	8	≤58	1.5	130	65	65x60x102
KY-750x50x2 WITH DESICCANT	1400	270	8	≤58	1.5	140	50	65x60x102
KY-1500x2-50	1400	520	8	≤58	3	143	50	124x57x104
KY-1500x50 WITH DESICCANT	1400	260	8	≤58	1.5	120	50	65x60x102



# RESEARCH-GRADE COMPRESSED AIR SOLUTIONS

## THE OVERALL DESIGN IS QUIET AND WORRY-FREE

### FEATURES

- DRIER** / It comes with a condensation dryer to cool down and remove water, making the air more waterless and cleaner
- OVERLOAD PROTECTION** / Automatic protection of current, voltage or undervoltage, so that the motor has a longer service life and avoids accidents
- MORE STABLE** / The machine runs stably and reliably, and the maintenance is simple and convenient
- SELF-DRAINING** / The drainage time can be set arbitrarily according to the work needs, no manual is required, and it is easy to use, saving time and effort
- AUTOMATIC FAULT DIAGNOSIS** / Automatic alarm of machine head, voltage and current faults, convenient for timely maintenance
- WATERLESS AND DUST-FREE FILTRATION** / The exhaust port forcibly filters the air to ensure that the air moisture content <0.01ppm and the dust content <0.01 u
- CLEAN AND ENVIRONMENTAL PROTECTION** / Pure oil-free design, spray inside and outside the gas storage tank, optional stainless steel material, to provide the best quality clean air source
- AUTOMATIC MEMORY** / Automatic memory of working time, convenient maintenance

### APPLICATION FIELD

It is widely used in medical, laboratory, water treatment, biopharmaceutical, environmental protection, printing, shipbuilding, machinery, textile, petrochemical, precision electronics, instrumentation, spraying, tobacco, nitrogen, food processing, optics, national defense research and any other fields that require clean compressed air

### MAJOR CUSTOMERS

Ningbo University / Yuyue Medical / Huazhong University of Science Technology / Xiamen University of Chemical Technology / Shanghai Museum of Natural History

### OPTIONAL

- Freeze drying: make the air drier
  - pollution-free precision filters:
  - Ensure that the moisture content of the air is < 0.01 ppm ,
  - the dust content is < 0.01 u
- Function Description:  
Microfiber soundproof cotton can reduce the internal special treatment of the air tank by 8-10dB, so that the air is cleaner



## THE OVERALL DESIGN IS QUIET AND WORRY-FREE



MODEL	NUMBER REVOLUTIONS R.P.M	EXHAUST VOLUME L/min	MAXIMUM PRESSURE Bar	NOISES dB	MOTOR kW	WEIGHT Kg	AIR TANK L	DIMENSIONS LxWxH cm
KY-1500x2-90	1400	520	8	≤70	3	180	140	124x60x104
KY-1500x3-90	1400	780	8	≤70	4.5	200	EXTRINSIC	124x60x104

# RESEARCH-GRADE COMPRESSED AIR SOLUTIONS

## THE OVERALL DESIGN IS QUIET AND WORRY-FREE

### FEATURES

- MASS FLOW** / Replace 1-2 cubic traditional oil screw machine
- PHASE SEQUENCE PROTECTION** / Automatic phase sequence discriminating protection relay to avoid accidents or equipment damage caused by reverse power supply phase sequence
- LOOP START** / Through scientific calculation method, to ensure that each pump head working time is the same, extend the service life of the machine
- ULTRALOW TEMPERATURE** / Using the principle of air convection, to achieve natural cooling, super low temperature
- HIGH PRESSURE** / Using German technology, the maximum pressure can reach 1.0Mpa
- MICROCOMPUTER INTELLIGENT CONTROL** / Can realize timing on, off, arbitrarily adjust the compressor start and stop pressure
- OIL-FREE ENVIRONMENTAL PROTECTION DESIGN** / Anticorrosion treatment is adopted inside the gas storage tank to ensure air quality without pollution and impurities
- LONG SERVICE LIFE** / The whole machine adopts stainless steel pipes, imported bearings, German PEEP high wear-resistant sealing materials and Swedish valve plates have longer service life

### APPLICATION FIELD

It is widely used in medical, laboratory, water treatment, biopharmaceutical, environmental protection, printing, shipbuilding, machinery, textile, petrochemical, precision electronics, instrumentation, spraying, tobacco, nitrogen, food processing, optics, national defense research and any other fields that require clean compressed air

### MAJOR CUSTOMERS

Ningbo University / Yuyue Medical /  
Huazhong University of Science Technology /  
Xiamen University of Chemical Technology /  
Shanghai Museum of Natural History

### OPTIONAL

Freeze drying: make the air drier  
pollution-free precision filters:  
Ensure that the moisture content of the  
air is < 0.01ppm,  
the dust content is < 0.01 u

Function Description:  
Microfiber soundproof cotton can reduce  
the internal special treatment of the air tank  
by 8-10dB, so that the air is cleaner



## THE OVERALL DESIGN IS QUIET AND WORRY-FREE

Superfiber soundproofing is quieter

**AIR TANK**  
The internal special treatment can  
make the air source cleaner

**MICROCOMPUTER VACUUM METER**  
The vacuum degree can be adjusted  
flexibly, the vacuum parameters can  
be accurately displayed, and the air-  
cooled exhaust temperature is lower



**UNIVERSAL CASTERS**  
Easier to move

**AUTOMATIC DRAINAGE**  
Intelligent control, no manual  
drainage is more convenient  
to use and save time and effort

MODEL	NUMBER REVOLUTIONS R.P.M	EXHAUST VOLUME L/min	MAXIMUM PRESSURE Bar	NOISES dB	MOTOR kW	WEIGHT Kg	AIR TANK L	DIMENSIONS LxWxH cm
1500x4-140L	1400	1040	8	≤58	6	220	140	140x60x104
1500x6	1400	1560	8	≤58	9	246	EXTRINSIC	140x60x104

# RESEARCH-GRADE COMPRESSED AIR SOLUTIONS

## THE OVERALL DESIGN IS QUIET AND WORRY-FREE

### FEATURES

- NON-STANDARD** / Customize the power, parameters, displacement, and dimensions of the air compressor required by customers
- HIGH FLOW** / Replace 1-2 cubic traditional oiled screw machine
- AUTOMATIC FAULT DIAGNOSIS** / Automatic alarm of machine head, voltage and current faults, convenient for timely maintenance
- AUTOMATIC MEMORY** / Automatic memory of working time, convenient maintenance
- PHASE SEQUENCE PROTECTION** / Automatic phase sequence discrimination protection relay to avoid accidents or equipment damage caused by the reverse phase sequence of the power supply
- CYCLE START** / Through scientific calculation methods, it ensures that the working time of each pump head is the same, and the service life of the machine is prolonged
- AUTOMATIC FAULT DIAGNOSIS** / Automatic alarm of machine head, voltage and current faults, convenient for timely maintenance
- AUTOMATIC MEMORY** / Automatic memory of working time, convenient maintenance

### APPLICATION FIELD

It is widely used in medical, laboratory, water treatment, biopharmaceutical, environmental protection, printing, shipbuilding, machinery, textile, petrochemical, precision electronics, instrumentation, spraying, tobacco, nitrogen, food processing, optics, national defense research and any other fields that require clean compressed air

### MAJOR CUSTOMERS

Ningbo University / Yuyue Medical /  
Huazhong University of Science Technology /  
Xiamen University of Chemical Technology /  
Shanghai Museum of Natural History

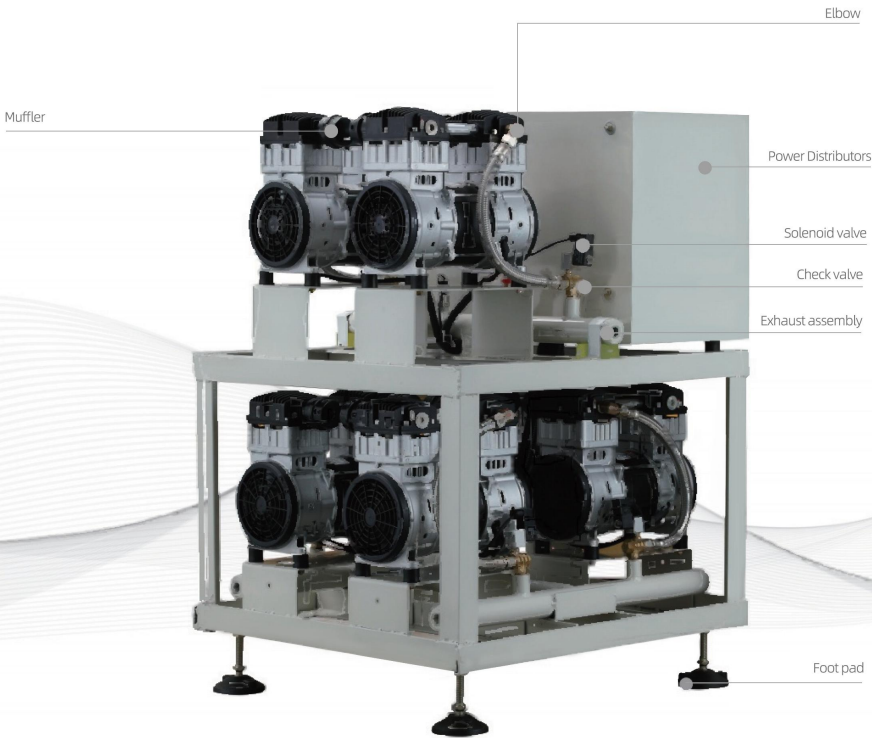
### OPTIONAL

Freeze drying: make the air drier  
pollution-free precision filters:  
Ensure that the moisture content of the  
air is <0.01ppm ,  
the dust content is <0.01 u

Function Description:  
Microfiber soundproof cotton can reduce the  
internal special treatment of the air tank by 8-10dB,  
so that the air is cleaner



## THE OVERALL DESIGN IS QUIET AND WORRY-FREE



MODEL	NUMBER REVOLUTIONS R.P.M	EXHAUST VOLUME L/min	MAXIMUM PRESSURE Bar	NOISES dB	MOTOR kW	WEIGHT Kg	AIR TANK L	DIMENSIONS LxWxH cm
DZx6	6x1500	1560	8	≤ 75	9	220	EXTRINSIC	105x90x105
DZx8	8x1500	2080	8	≤ 75	12	280	EXTRINSIC	105x80x105



## INDUSTRIAL GRADE AIR SUPPLY SOLUTION

### NOISE REDUCTION HEALTHY LIFE

#### APPLICATION AREA:

Home improvement, inkjet painting, food machinery, aquaculture, chemical industry, machinery automation, textile industry

#### STRATEGIC COOPERATION:

Hitachi, Tahoe Optoelectronics, Meiya Optoelectronics, Jinbin Light Rail Vehicle Base



## PERMANENT MAGNET VARIABLE FREQUENCY PORTABLE OIL-FREE AIR COMPRESSOR

### SERVO MOTOR

Full power, longer motor life, more energy saving

### OIL-FREE ENVIRONMENTALLY FRIENDLY

Complimentary oil-water separation filter, deep filtration of impurities, cleaner air, no lubricating oil, no refueling maintenance trouble

### ULTRA-ENERGY SAVING

The motor has reached the national level energy efficiency standard, and the efficiency is 30% higher than that of ordinary motors

### LOW TEMPERATURE RISE

Main phase temperature as low as 60K, 24 hours continuous operation without shutdown

### INTELLIGENT CONTROLLER

The pressure is automatically adjusted and the motor speed is automatically adjusted

### LONG LIFE

Imported bearings, imported spare parts, German PEEP high wear-resistant sealing materials and Swedish valve plate longer service life

### LOW NOISE

Upgraded noise reduction, external muffler, noise as low as 59 dB



MODEL	NUMBER REVOLUTIONS R.P.M	EXHAUST VOLUME L/min	MAXIMUM PRESSURE Bar	NOISES dB	MOTOR KW	WEIGHT Kg	AIR TANK L	DIMENSIONS LxWxH cm
GY-750-5L	1380	135	8	≤60	0.75	13.5	5	38x32x38

# INDUSTRIAL GRADE AIR SUPPLY SOLUTION

## PORTABLE OIL-FREE AIR COMPRESSOR

### LOW NOISE

Upgraded noise reduction, external silencer, noise as low as 59 decibels

### THE TEMPERATURE RISE IS LOW

The main phase temperature is as low as 60K, and it runs continuously for 24 hours without stopping

### OIL-FREE ENVIRONMENTALLY FRIENDLY

Free oil-water separation filter, deep filtration of impurities, cleaner vacuum, no need for lubricating oil, eliminating the trouble of refueling and maintenance

### SUPER ENERGY EFFICIENT

The motor meets the national first-class energy efficiency standard, which is 30% higher than the efficiency of ordinary motors.

### LONG LIFESPAN

Imported bearings, imported spare parts, German PEEP high wear-resistant sealing materials and Swedish valve plates have a longer service life



MODEL	NUMBER REVOLUTIONS R.P.M	EXHAUST VOLUME L/min	MAXIMUM PRESSURE Bar	NOISES dB	MOTOR KW	WEIGHT Kg	AIR TANK L	DIMENSIONS LxWxH cm
GY-190-5	1380	48	8	≤55	0.19	10	5	38x32x38
GY-295-5	1380	81	8	≤55	0.3	12	5	38x32x38
GY-550-5	1380	102	8	≤59	0.55	15.5	5	38x32x38
GY-750-5	1380	135	8	≤59	0.75	16.5	5	38x32x38

## TOOLING OIL-FREE AIR COMPRESSOR

### LOW NOISE

Upgraded noise reduction, external silencer, noise as low as 59 decibels

### THE TEMPERATURE RISE IS LOW

The main phase temperature is as low as 60K, and it runs continuously for 24 hours without stopping

### OIL-FREE ENVIRONMENTALLY FRIENDLY

Free oil-water separation filter, deep filtration of impurities, cleaner vacuum, no need for lubricating oil, eliminating the trouble of refueling and maintenance

### LONG LIFESPAN

Imported bearings, imported spare parts, German PEEP high wear-resistant sealing materials and Swedish valve plates have a longer service life

### FASTER UP-GASPING

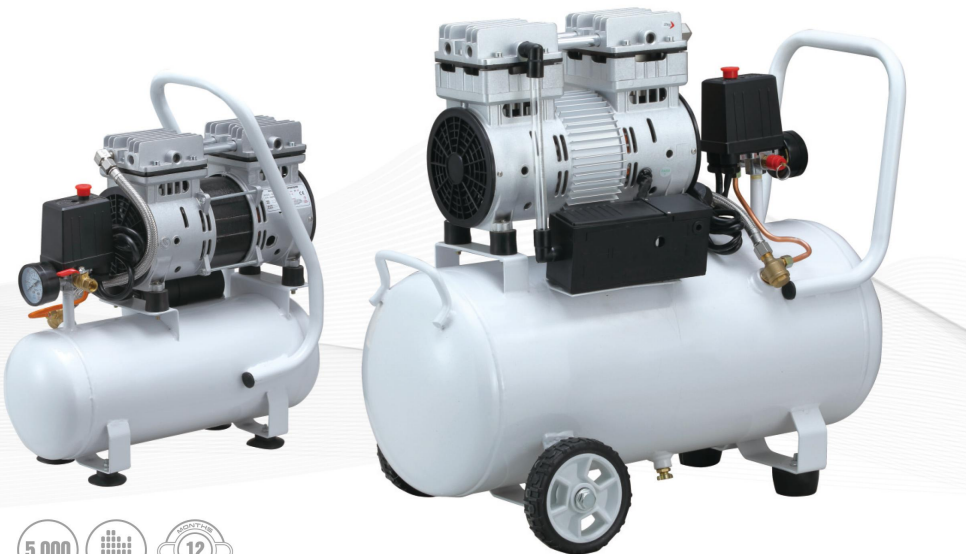
The gas loading speed is more than 30% faster than that of ordinary products, and it can work continuously for 24 hours

### ON DRAINAGE

Upper drainage device, drainage is more convenient

### ULTRA-ENERGY SAVING

The motor has reached the national level energy efficiency standard, and the efficiency is 30% higher than that of ordinary motors



MODEL	INPUT POWER kW	NUMBER REVOLUTIONS R.P.M	AIR DISPLACEMENT L/min	MAXIMUM PRESSURE Bar	AIR TANK L	WEIGHT Kg	DIMENSIONS LxWxH cm
GY-550-9	0.55	1380	102	7	9	17	48x20.5x50.2
GY-550-30	0.55	1380	102	7	29	23	62x28x55.2
GY-750-30	0.75	1380	135	7	29	24	62x28x55.2



# INDUSTRIAL GRADE AIR SUPPLY SOLUTION

## TOOLING OIL-FREE AIR COMPRESSOR

### LOW NOISE

Upgraded noise reduction, external silencer, noise as low as 59 decibels

### THE TEMPERATURE RISE IS LOW

The main phase temperature is as low as 60K, and it runs continuously for 24 hours without stopping

### OIL-FREE ENVIRONMENTALLY FRIENDLY

Free oil-water separation filter, deep filtration of impurities, cleaner vacuum, no need for lubricating oil, eliminating the trouble of refueling and maintenance

### LONG LIFESPAN

Imported bearings, imported spare parts, German PEEP high wear-resistant sealing materials and Swedish valve plates have a longer service life

### FASTER UP-GASPING

The gas loading speed is more than 30% faster than that of ordinary products, and it can work continuously for 24 hours

### ON DRAINAGE

Upper drainage device, drainage is more convenient

### ULTRA-ENERGY SAVING

The motor has reached the national level energy efficiency standard, and the efficiency is 30% higher than that of ordinary motors



MODEL	INPUT POWER kW	NUMBER REVOLUTIONS R.P.M	AIR DISPLACEMENT L/min	MAXIMUM PRESSURE Bar	AIR TANK L	WEIGHT Kg	DIMENSIONS LxWxH cm
GY-2x550-55	1.1	1380	204	7	55	35	70.5x35x51
GY-2x750-55	1.5	1380	270	7	55	36	70.5x35x61

## TOOLING OIL-FREE AIR COMPRESSOR

### BLOW-THROUGH CYLINDER HEAD

More powerful heat dissipation

### COLD START VALVE

Realize the soft start of the motor to better protect the motor

### OIL-FREE ENVIRONMENTALLY FRIENDLY

Free oil-water separation filter, deep filtration of impurities, cleaner vacuum, no need for lubricating oil, eliminating the trouble of refueling and maintenance

### SUPER ENERGY EFFICIENT

The motor meets the national first-class energy efficiency standard, which is 30% higher than the efficiency of ordinary motors.

### THE TEMPERATURE RISE IS LOW

The main phase temperature is as low as 60K, and it runs continuously for 24 hours without stopping

### FASTER UP-GASPING

The gas loading speed is more than 30% faster than that of ordinary products, and it can work continuously for 24 hours

### ON DRAINAGE

Upper drainage device, drainage is more convenient

### LONG LIFESPAN

Imported bearings, imported spare parts, German PEEP high wear-resistant sealing materials and Swedish valve plates have a longer service life

### LOW NOISE

Upgraded noise reduction, external silencer, noise as low as 62 decibels



MODEL	NUMBER REVOLUTIONS R.P.M	EXHAUST VOLUME L/min	MAXIMUM PRESSURE Bar	NOISES dB	MOTOR KW	WEIGHT Kg	AIR TANK L	DIMENSIONS LxWxH cm
GY-1500-30	1400	260	8	≤62	1.5	32.5	30	62x33.5x70.2
GY-1800-40	1400	300	8	≤62	1.8	35.5	40	72x33.5x70.2
GY-2x1500-100	1400	520	8	≤62	3.0	79	100	97x51.5x84



# INDUSTRIAL GRADE AIR SUPPLY SOLUTION

## LARGE-SCALE INDUSTRIAL OIL-FREE AIR COMPRESSOR

### BLOW-THROUGH CYLINDER HEAD

More powerful heat dissipation

### COLD START VALVE

Realize the soft start of the motor to better protect the motor

### OIL-FREE ENVIRONMENTALLY FRIENDLY

Free oil-water separation filter, deep filtration of impurities, cleaner vacuum, no need for lubricating oil, eliminating the trouble of refueling and maintenance

### SUPER ENERGY EFFICIENT

The motor meets the national first-class energy efficiency standard, which is 30% higher than the efficiency of ordinary motors.

### THE TEMPERATURE RISE IS LOW

The main phase temperature is as low as 60K, and it runs continuously for 24 hours without stopping

### FASTER UP-GASPING

The gas loading speed is more than 30% faster than that of ordinary products, and it can work continuously for 24 hours

### ON DRAINAGE

Upper drainage device, drainage is more convenient

### LONG LIFESPAN

Imported bearings, imported spare parts, German PEEP high wear-resistant sealing materials and Swedish valve plates have a longer service life

### LOW NOISE

Upgraded noise reduction, external silencer, noise as low as 62 decibels



MODEL	NUMBER REVOLUTIONS R.P.M	EXHAUST VOLUME L/min	MAXIMUM PRESSURE Bar	NOISES dB	MOTOR KW	WEIGHT Kg	AIR TANK L	DIMENSIONS LxWxH cm
GY-3x1500-140	1400	780	8	≤62	4.5	120	140	119x51x89
GY-3x1800-140	1400	900	8	≤62	5.4	122	140	119x51x89
GY-4x1500-160	1400	1040	8	≤62	6.0	181	160	141.5x52.5x88.5
GY-4x1800-160	1400	1200	8	≤62	7.2	190	160	141x52.5x83.5

## LARGE-SCALE INDUSTRIAL OIL-FREE AIR COMPRESSOR

### BLOW-THROUGH CYLINDER HEAD

More powerful heat dissipation

### COLD START VALVE

Realize the soft start of the motor to better protect the motor

### OIL-FREE ENVIRONMENTALLY FRIENDLY

Free oil-water separation filter, deep filtration of impurities, cleaner vacuum, no need for lubricating oil, eliminating the trouble of refueling and maintenance

### SUPER ENERGY EFFICIENT

The motor meets the national first-class energy efficiency standard, which is 30% higher than the efficiency of ordinary motors.

### THE TEMPERATURE RISE IS LOW

The main phase temperature is as low as 60K, and it runs continuously for 24 hours without stopping

### FASTER UP-GASPING

The gas loading speed is more than 30% faster than that of ordinary products, and it can work continuously for 24 hours

### ON DRAINAGE

Upper drainage device, drainage is more convenient

### LONG LIFESPAN

Imported bearings, imported spare parts, German PEEP high wear-resistant sealing materials and Swedish valve plates have a longer service life

### LOW NOISE

Upgraded noise reduction, external silencer, noise as low as 62 decibels



MODEL	NUMBER REVOLUTIONS R.P.M	EXHAUST VOLUME L/min	MAXIMUM PRESSURE Bar	NOISES dB	MOTOR KW	WEIGHT Kg	AIR TANK L	DIMENSIONS LxWxH cm
GY-5x1500-230	1400	1300	8	≤62	7.5	185	230	163x61x95
GY-5x1800-230	1400	1500	8	≤62	9.0	185	230	163x61x95
GY-6x1500-300	1400	1560	8	≤62	9.0	210	300	188x61x95
GY-6x1800-300	1400	1800	8	≤62	10.8	220	300	188x61x95

## NEW ENERGY GAS SOURCE SOLUTIONS

ENERGY SAVING, LOW CONSUMPTION  
AND OIL-FREE TECHNOLOGY

### FEATURES:

iP67, small size, long life, light weight, using high quality  
bearing low maintenance cost

### APPLICATION AREA:

New energy vehicles

### STRATEGIC COOPERATION:

BYD, Zhongtong, Jinlong, Dongfeng, Foton



## OIL-FREE ELECTRIC AIR COMPRESSOR

### HIGH PROTECTION

Protection level IP67, dustproof and water discharge, not picky  
about the use environment

### HIGH LIFESPAN

Uniquely formulated piston, guide ring to ensure longevity

### FORCED AIR COOLING

The fan is forced to run, and the fan runs with the motor to avoid  
overheating and aggravating the wear of the cylinder

### IMPORTED BEARINGS

Pure imported NSK bearings ensure operation

### COMPLETELY OIL-FREE

The air source is clean and there is no oil emulsification

### EASY TO MAINTAIN

Fewer wearing parts, more convenient maintenance, and  
reduced maintenance costs



MODEL	NUMBER REVOLUTIONS R.P.M	EXHAUST VOLUME L/min	MAXIMUM PRESSURE Bar	NOISES dB	MOTOR KW	WEIGHT Kg	DIMENSIONS LxWxH cm
XNY-2800	1400	280	8	≤75	3	45	50x37.5x34
XNY-1500	1420	140	10	≤78	1.5	40	49x38x36
XNY-3000	1420	280	10	≤78	2.8	50	56x38x36



# NEW ENERGY SOURCE SOLUTION

## OIL-FREE ELECTRIC AIR COMPRESSOR

### HIGH PROTECTION

Protection level IP67, dustproof and water discharge, not picky about the use environment

### HIGH LIFESPAN

Uniquely formulated piston, guide ring to ensure longevity

### FORCED AIR COOLING

The fan is forced to run, and the fan runs with the motor to avoid overheating and aggravating the wear of the cylinder

### IMPORTED BEARINGS

Pure imported NSK bearings ensure operation

### COMPLETELY OIL-FREE

The air source is clean and there is no oil emulsification

### EASY TO MAINTAIN

Fewer wearing parts, more convenient maintenance, and reduced maintenance costs

## OIL-FREE ELECTRIC AIR COMPRESSOR

### HIGH PROTECTION

Protection level IP67, dustproof and water discharge, not picky about the use environment

### HIGH LIFESPAN

Uniquely formulated piston, guide ring to ensure longevity

### FORCED AIR COOLING

The fan is forced to run, and the fan runs with the motor to avoid overheating and aggravating the wear of the cylinder

### IMPORTED BEARINGS

Pure imported NSK bearings ensure operation

### COMPLETELY OIL-FREE

The air source is clean and there is no oil emulsification

### EASY TO MAINTAIN

Fewer wearing parts, more convenient maintenance, and reduced maintenance costs



MODEL	NUMBER REVOLUTIONS R.P.M	EXHAUST VOLUME L/min	MAXIMUM PRESSURE Bar	NOISES dB	MOTOR KW	WEIGHT Kg	AIR TANK L	DIMENSIONS LxWxH cm
XNY-2800-120	1400	280	8	≤78	2.8	100	110	115x44x91

MODEL	NUMBER REVOLUTIONS R.P.M	EXHAUST VOLUME L/min	MAXIMUM PRESSURE Bar	NOISES dB	MOTOR KW	WEIGHT Kg	AIR TANK L	DIMENSIONS LxWxH cm
XNY-3000-120	1420	280	10	≤78	3	120	120	115x44x91