



Yixing Aipu Air System Equipment Co., Ltd

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Aipu PMVF Micro Oil Screw Air Compressor 0.5-1.0Mpa 13.7-77m³/min

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Aipu
- Model Number: PMVF
- Minimum Order Quantity: 1PC
- Price: negotiable
- Packaging Details: container
- Delivery Time: 10
- Payment Terms: tt
- Supply Ability: 10t/y



Product Specification

- Exhaust Pressure: 0.5-1.0Mpa
- Displacement: 13.7-77m³/min
- Type: Micro Oil Screw Air Compressor
- Power Source: Electric
- Motor Type: Frequency Conversion
- Highlight: **oil screw air compressor 0.5-1.0Mpa,
micro air compressor 13.7-77m³/min,
Aipu PMVF screw compressor with warranty**

Product Description

Product Description:

The Aipu PMVF series micro oil screw air compressor is an efficient and energy-saving air compressor that adopts advanced screw host technology and intelligent control system, suitable for industrial fields with high requirements for compressed air quality. This series of products has the characteristics of high efficiency, energy saving, stability and reliability, low oil content, and intelligent control, and is widely used in industries such as manufacturing, food and beverage, medicine, electronics, textiles, and chemical engineering.

Core advantages:

1. Efficient and energy-saving, reducing operating costs

Adopting Kaishan's independent high-efficiency screw host, optimizing the rotor profile, improving compression efficiency, and saving 10% to 20% energy compared to ordinary air compressors.

Permanent magnet variable frequency drive (optional), automatically adjusts the speed according to actual gas demand, avoids idle waste, and has significant energy-saving effect.

Low friction bearings and efficient cooling systems reduce energy loss and extend equipment lifespan.

2. Micro oil technology provides clean compressed air

Adopting a multi-stage oil and gas separation system, the oil content in the outlet air is $\leq 3\text{ppm}$ (in accordance with ISO 8573-1 Class 1 standard).

Suitable for industries with strict air quality requirements such as food, medicine, and electronics.

3. Intelligent control system, easy to operate

7-inch touch screen human-machine interface, real-time display of operating parameters (pressure, temperature, current, running time, etc.).

It has functions such as fault self diagnosis, remote monitoring, and data recording, supports Internet of Things (IoT) access, and achieves intelligent management.

Multiple machine linkage control can be set up to optimize the coordinated operation of multiple air compressors and improve energy efficiency.

4. Stable and reliable, easy to maintain

The host adopts high-strength cast iron and precision bearings, with a design life of over 100000 hours.

Intelligent temperature control system ensures stable operating temperature and avoids high temperature shutdown.

Modular design, key components such as oil filters, air filters, and oil separation cores are easy to replace, reducing maintenance costs.

5. Low noise, environmentally friendly and energy-saving

Adopting a silent chassis and shock-absorbing design, the noise level is as low as 65-75dB (A), which meets industrial environmental noise standards.

Applications:

1, Manufacturing industry

1. Automobile manufacturing

Application scenarios: spraying, assembly, pneumatic tools, tire inflation

Advantages:

Provide stable and clean compressed air to avoid spraying impurities

Variable frequency models can adapt to gas fluctuations in production lines, saving energy and reducing consumption

2. Mechanical processing

Application scenarios: CNC machine tools, pneumatic fixtures, laser cutting

Advantages:

Low oil content ($\leq 3\text{ppm}$), protecting precision equipment

Efficient and energy-saving, reducing production costs

2, Food and beverage industry

1. Food packaging

Application scenarios: blowing bottles (PET bottles), filling, labeling

Advantages:

Compliant with ISO 8573-1 Class 1 oil-free air standard

Avoid oil contamination and ensure food safety

2. Food processing

Application scenarios: Pneumatic conveying, fermentation, stirring

Advantages:

Micro oil design to prevent oil from mixing into food

Stable gas supply to ensure continuous production

3, Pharmaceutical and Electronic Industry

1. Pharmaceutical industry

Application scenarios: tablet compression, aseptic packaging, fermentation

Advantages:

Compliant with GMP standards to ensure that s are free from contamination

Low noise, suitable for clean workshops

2. Electronic manufacturing

Application scenarios: chip packaging, PCB cleaning, SMT mounting

Advantages:

Ultra low oil content to prevent contamination of precision electronic components

Variable frequency control to meet high-precision production requirements

4, Textile and Chemical Industry

1. Textile industry

Application scenarios: Jet loom, spinning, printing and dyeing

Advantages:

Stable gas supply to improve loom efficiency

Energy saving design to reduce power consumption

2. Chemical industry

Application scenarios: Pneumatic conveying, reactor stirring, instrument control

Advantages:

High temperature resistant design, suitable for chemical environments

Low maintenance costs and reduced downtime

5, Other industries

Advantages of PMVF in Industry Application Scenarios

Stable gas supply for instrument control and pneumatic actuators in power plants, suitable for high load operation

Mining drilling and pneumatic tools are dust resistant and adaptable to harsh environments

Printing machines and paper conveying clean air to avoid ink pollution

Plastic processing injection molding machines and blow molding machines are energy-saving and reduce production costs

Support and Services:

Our Micro oil screw air compressor product comes with comprehensive technical support and services to ensure that our customers are satisfied with their purchase. Our team of experts is available to provide assistance with installation, operation, and maintenance of the product. We also offer repair and replacement services for any faulty parts or components. Additionally, we provide training and educational resources to help our customers maximize the performance and lifespan of their Micro oil screw air compressor.

Packing and Shipping:

Product Packaging:

The Micro oil screw air compressor comes in a sturdy cardboard box with the product image and specifications printed on the outside.

Inside, the product is securely packaged with foam inserts to prevent any damage during transportation.

Shipping:

We offer free shipping for the Micro oil screw air compressor within the continental United States. Our standard shipping time is 3-5 business days. For expedited shipping, please contact our customer service team. We ship via trusted carriers such as UPS, FedEx, and USPS and provide a tracking number for your convenience.

FAQ:

Q: What is the brand name of this product?

A: The brand name of this product is Aipu.

Q: What is the model number of this product?

A: The model number of this product is Micro oil screw air compressor.

Q: Where is this product made?

A: This product is made in China.

Q: Does this product have any certifications?

A: Yes, this product is certified by ce.ul.

Q: What is the minimum order quantity for this product?

A: The minimum order quantity for this product is 1pc.

Q: Is the price of this product negotiable?

A: Yes, the price of this product is negotiable.

Q: What is the packaging details for this product?

A: The packaging details for this product is container.

Q: How long is the delivery time for this product?

A: The delivery time for this product is 10 days.

Q: What are the payment terms for this product?

A: The payment terms for this product is tt.

Q: What is the supply ability of this product?

A: The supply ability of this product is 10000t/y.



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