



净与静的科技

源于专注
所以专业

浙江鸿川医疗科技有限公司

Introduction to Zhejiang Hongchuan Medical
Technology

欢迎光临

Welcomen to HCEM

一家专业从事流体动力气源设备研发生产销售的高科技型技术企业

HCEM is a high-tech enterprise ,we are specializing in the research,
development, production, and sales of fluid power gas source equipment

Agenda



Company Profile

企业简介

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Existing Foundation & Advantages

公司现有基础与优势

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Company Profile

公司介绍

— 01

Company Growth History

HCEM cooperated with Korea Hyundai , and developed the first vehicle mounted compressor in China.

HCEM与韩国现代合作，开发国内首台车载压缩机



2014

2010



2016

2020



2021



Hongchuan company founded , and registered HCEM trademark
鸿川成立并注册了HCEM商标

The first domestic micro compressor (the weight is 0.39kg) used for membrane oxygen generator ,successfully developed and started the mass production

国内首台膜制氧机微型压缩机研制成功并开始批量生产

Collaborating with National Pharmaceutical Group to develop the first Venturi dry mist disinfection machine and use for many hospitals during the covid-19.

与国药集团合作开发首台文丘里干雾消毒机，并投入使用在疫情期间

HCEM invested ¥20 million in Jinan, we arrange the production from die-casting of raw materials, high-speed punch of motor, hardware processing, automatic embedding of motor etc , so that we can ensure the products quality reliability with competitive price

HCEM在济南投资2000万元，从原材料压铸、电机高速冲床、硬件加工、电机自动嵌入等方面生产，从而保证产品质量的可靠性和竞争力的价格

Zhejiang Factory



Zhejiang Factory mainly focuses on R&D and assembly production & testing with OEM and ODM orders , the production capacity is $\geq 50,000$ units per month (about 1650 units per day)
浙江工厂主要从事OEM和ODM订单的研发和生产，测试等，产量 ≥ 5 万台/月（约1650台/日）

Differences between the two companies

Jinan Factory

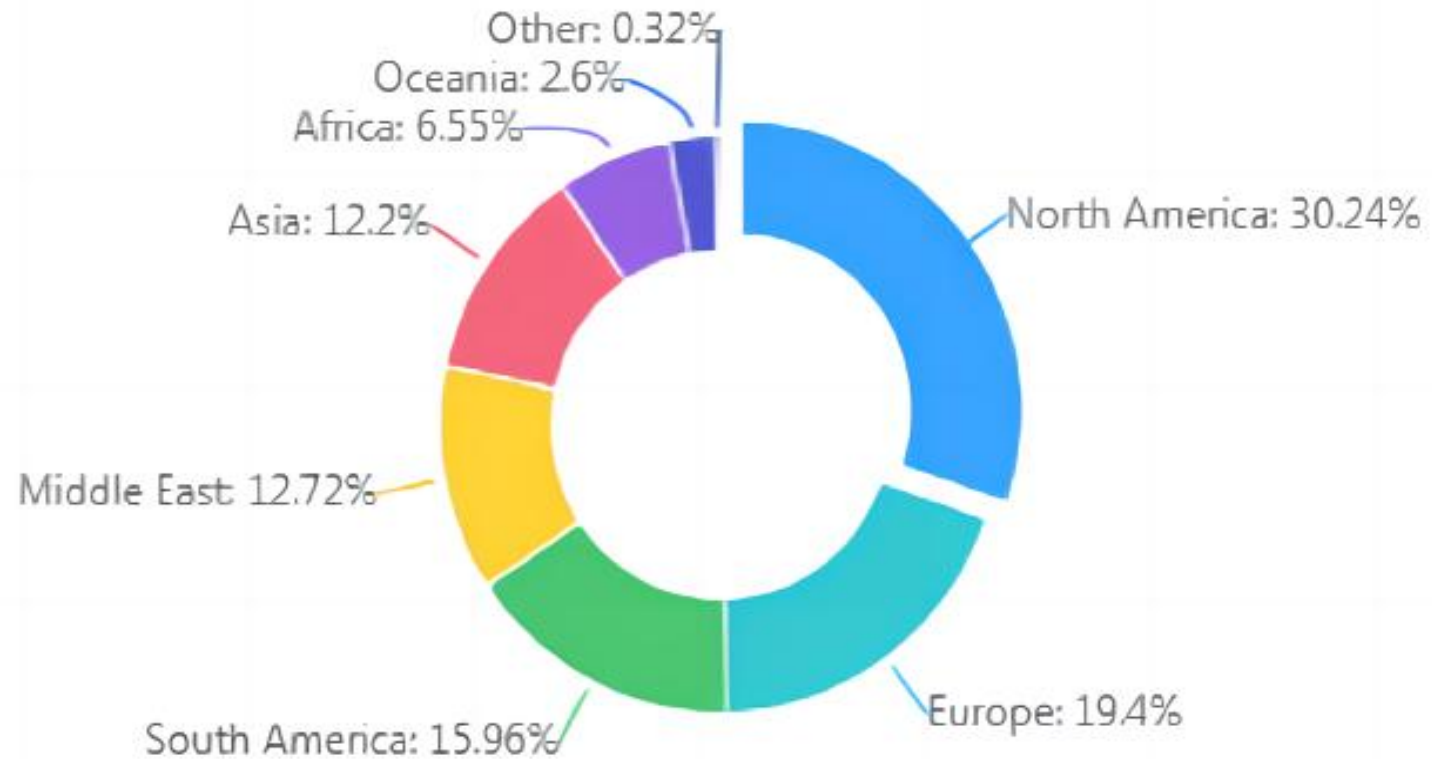


The Jinan factory mainly for die-casting of raw materials, high-speed punch of motor, hardware processing, automatic embedding of motor etc .

济南工厂主要生产原材料压铸、电机高速冲床、五金加工、电机自动嵌入等

Main Sales Markets

● North America ● Europe ● South America ● Middle East ● Asia ● Africa ● Oceania ● Other



Existing Foundation & Advantages

公司现有基础与优势

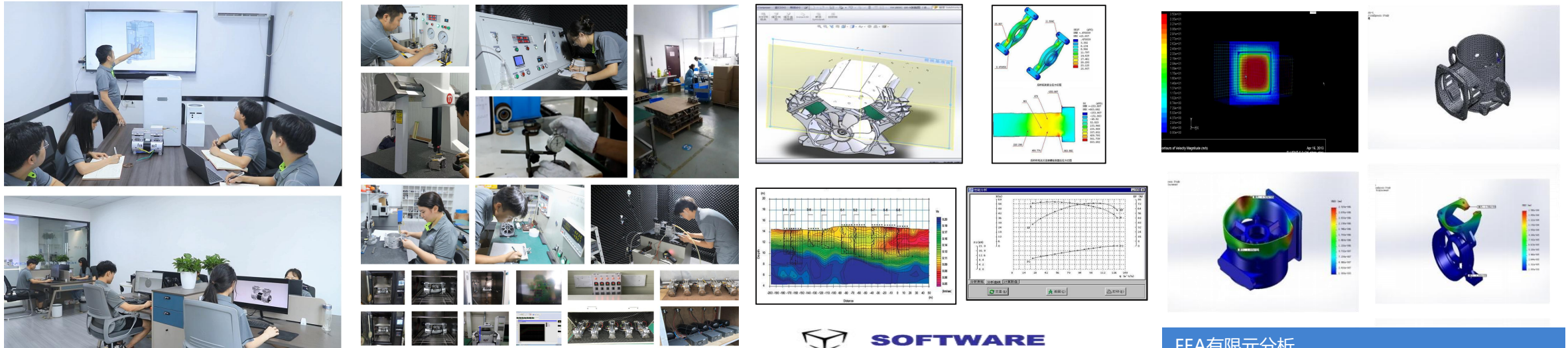
02

Professional R&D team 专业化研发团队



HCEM attaches great importance for the talent cultivation , and we continuously strengthens the construction and training of our R&D teams .We do our best to improves the our R&D team with the professional technical level .

At the same time, we are also actively cooperate with well-known domestic & foreign enterprises and many research institutions, so that we can carry out some research & development projects and the technical exchanges . With this professional and rich expereince, our company can continuously expend the company's technical vision and research ideas . We have 12+ engineers ,from the structural design , appearance design and mold development all are done by our own R&D team .



 SOFTWARE

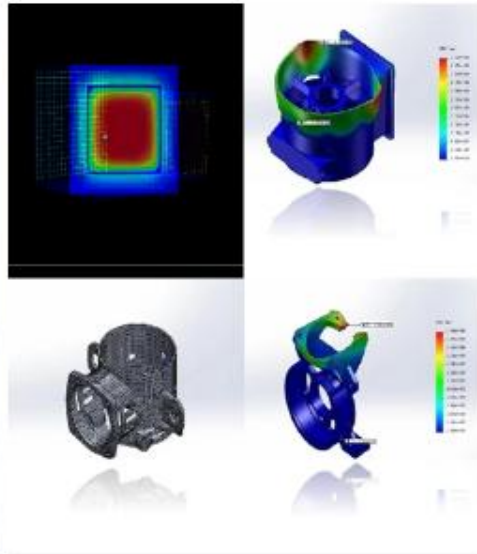
FEA有限元分析
FEA finite element analysis

We are passionate about ODM orders , we can help customers to explore new products with market trends .

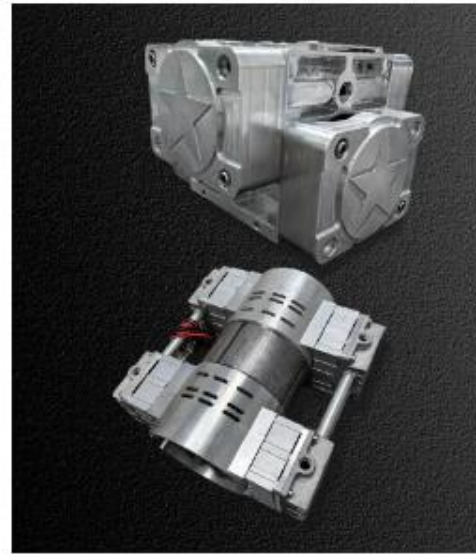
Almost all our old customers increase 30%-50% business every year ,we believe that we also can help you .Let's grow together !



Mold design



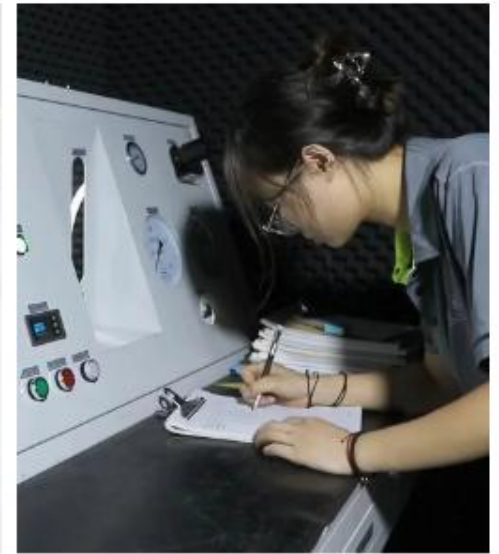
FEA finite element analysis



3D sample evaluation



Mold production



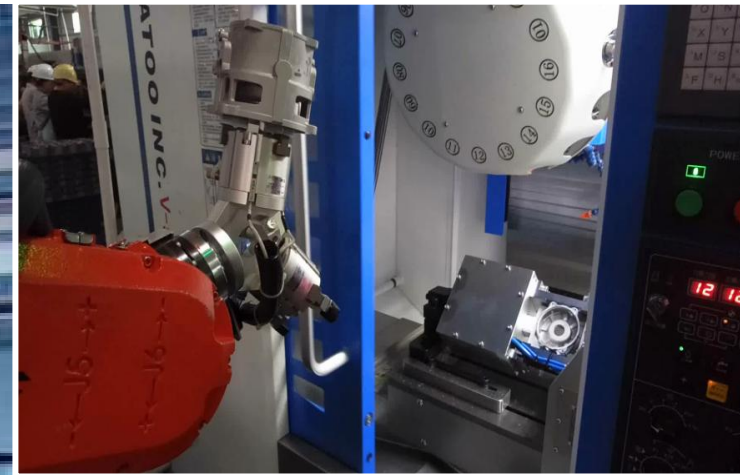
Performance testing



Specialization advantages 专业化优势

To ensure the stability of product performance, we invested ¥20 million and cooperated with the Jinan Military Industry Institute of the Chinese Academy of Sciences

We introduced advanced processing and manufacturing production lines that integrate precision, flexibility, and intelligence. This has achieved digital, intelligent, and networked production management to ensure the precision and consistency of parts processing, it's for the first domestic compressor production enterprise.



Specialization advantages 专业化优势

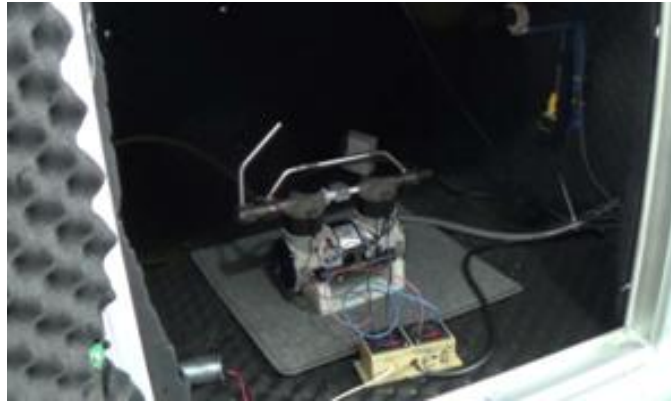
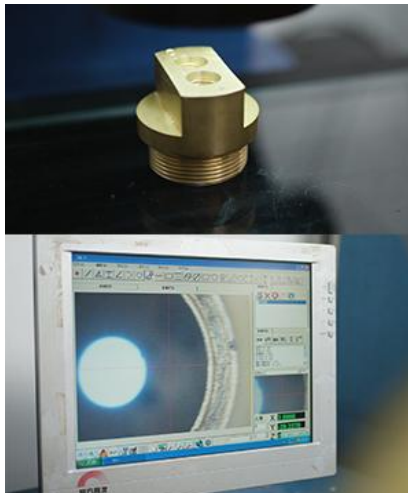
For key core components , from the production, assembly and testing all are strictly tested to ensure the quality before leaving the factory



Specialization advantages

专业化优势

The introduction of high-precision testing instruments such as : three coordinates, quadratic elements, imaging instruments, etc., the parts and components all are for dimensional accuracy detection without dead ends, so that we can keep the quality stability, R & D verification to provide a full range of protection.



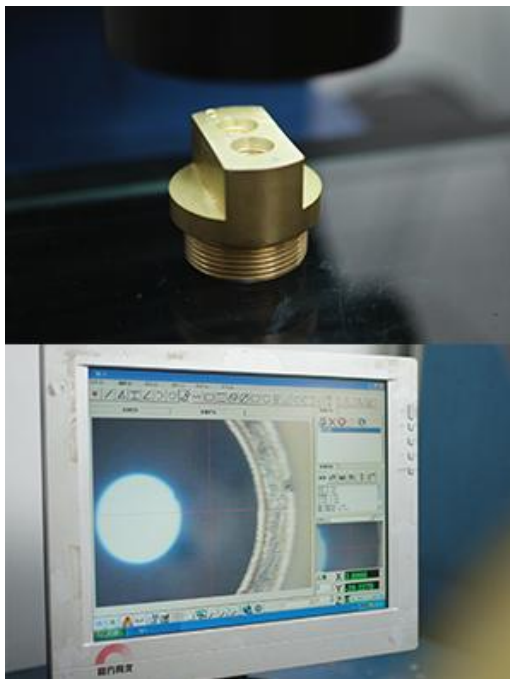
This is our self-developed comprehensive performance test system for air compressors, which can simulate the operation of the compressor under a variety of operating conditions, and automatically collect and calculate the performance parameters and indicators of the compressor operating conditions through the computer, thus speeding up the test efficiency, improving the testing accuracy , and efficiently promoting the efficiency of research and development, so that we can make the product market adaptability stronger .



高端检测设备 High Quality Testing Equipment

二次元精密影像测量仪

Binary precision image
measuring instrument



气动测量仪

Pneumatic measuring
instrument



三次元测量仪

Three dimensional
measuring instrument



成品性能测噪音

Finished product performance
measurement the noise



Products Application &Market Development

产品应用及市场拓展

—— 03

Main products

✓ 医疗、保健制氧系列

Medical and health oxygen production series

✓ 新能源汽车气源动力泵系列

New energy vehicle air source power pump series

✓ 无油洁净气源动力系列

Oil free clean air source power pump series

✓ 无油真空泵

Oilless vacuum Pump

✓ 智能农渔高密养殖系列

Intelligent Agriculture and Fishing Aeration system

✓ 高效空间雾化消毒系列

High-efficiency space misting disinfection system

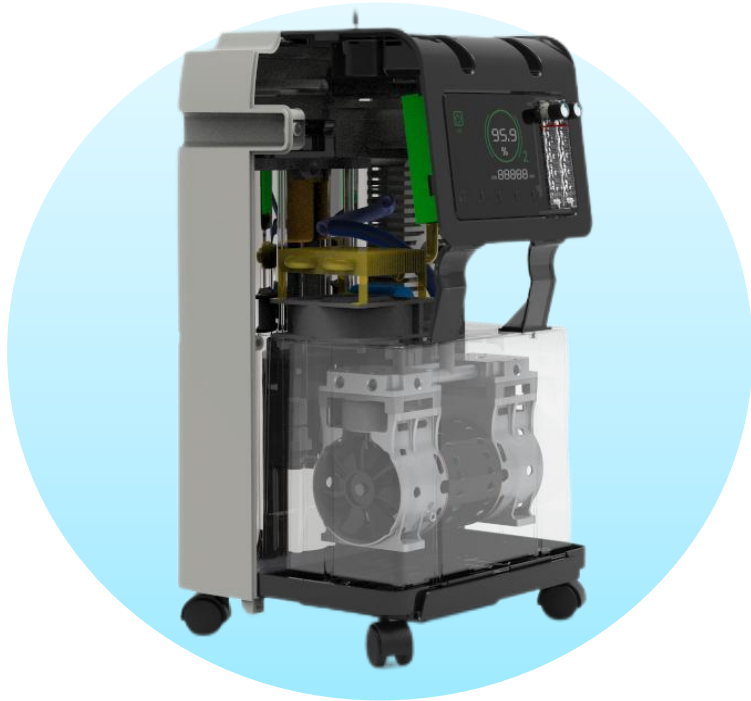


无油压缩机系列 Oilless Air Compressors

HCEM

医疗、保健制氧系列

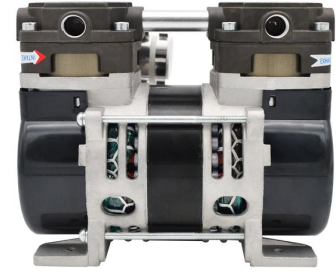
Medical and Oxygen series



OXYGEN CONCENTRATOR



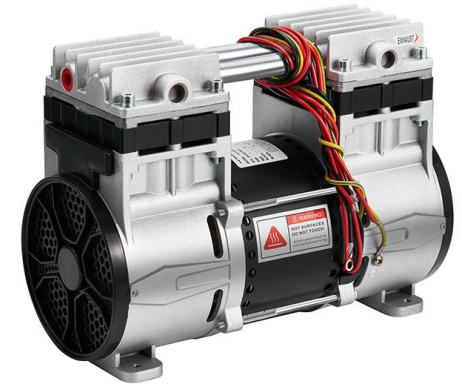
Power: 180W
Capacity :30L/min@2bar



Power: 230W
Capacity :50L/min@1.4bar



Power: 370W
Capacity: 70L/min@2bar



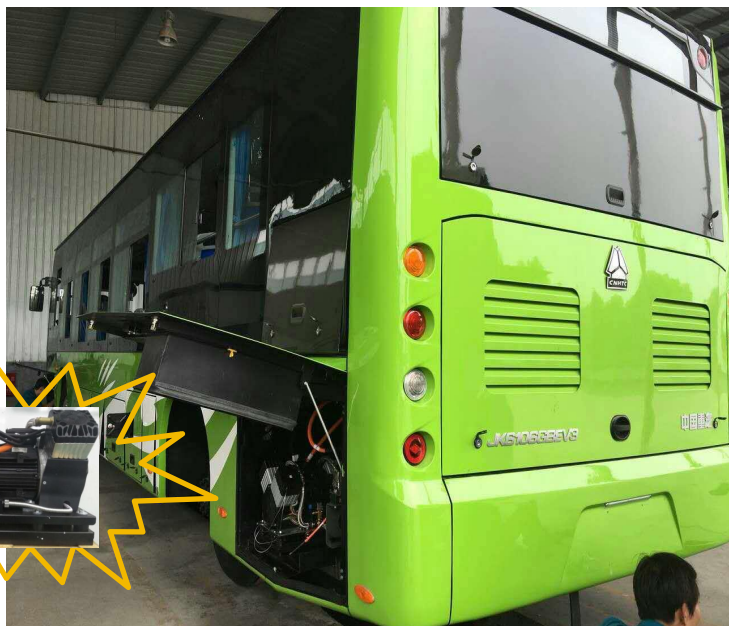
Power: 600 W
Capacity: 130L/min@2bar

V型机系列 Heavy Duty V Type Air Compressor

HCEM

新能源汽车气源动力泵系列

New energy vehicle air source
power pump series



Power:1500W
Flow rate:200LPM



Power:2200W
Flow rate:400LPM



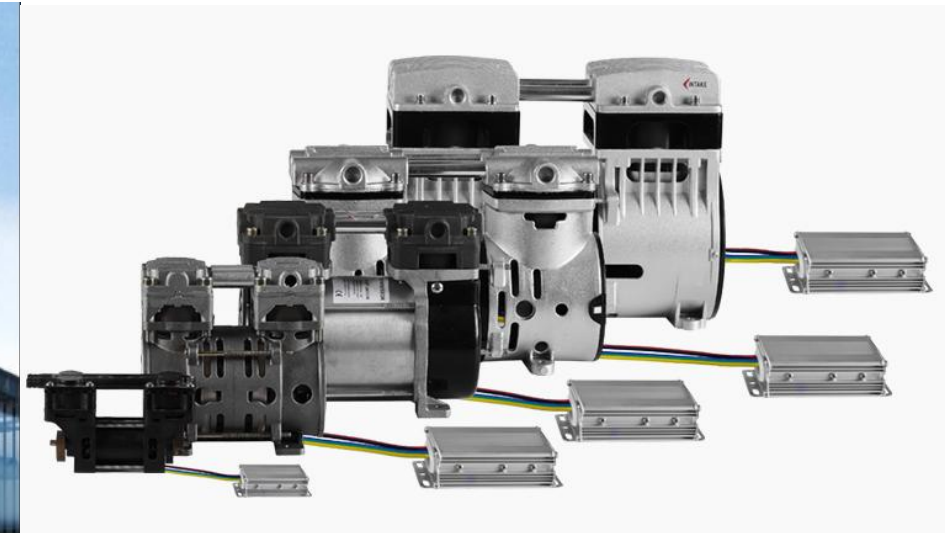
Power:2200W
Flow rate:400LPM



Power:4000W
Flow rate:800LPM

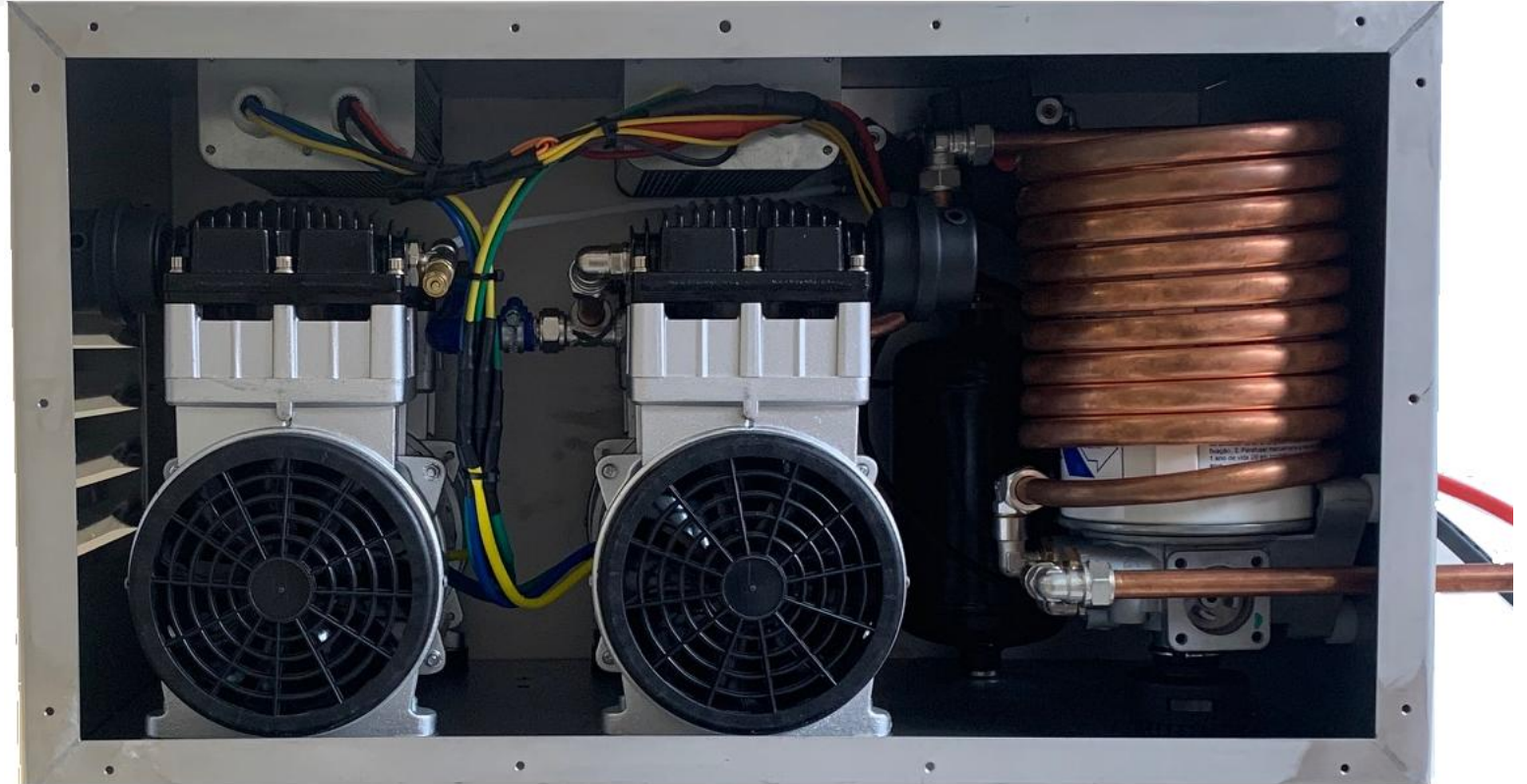
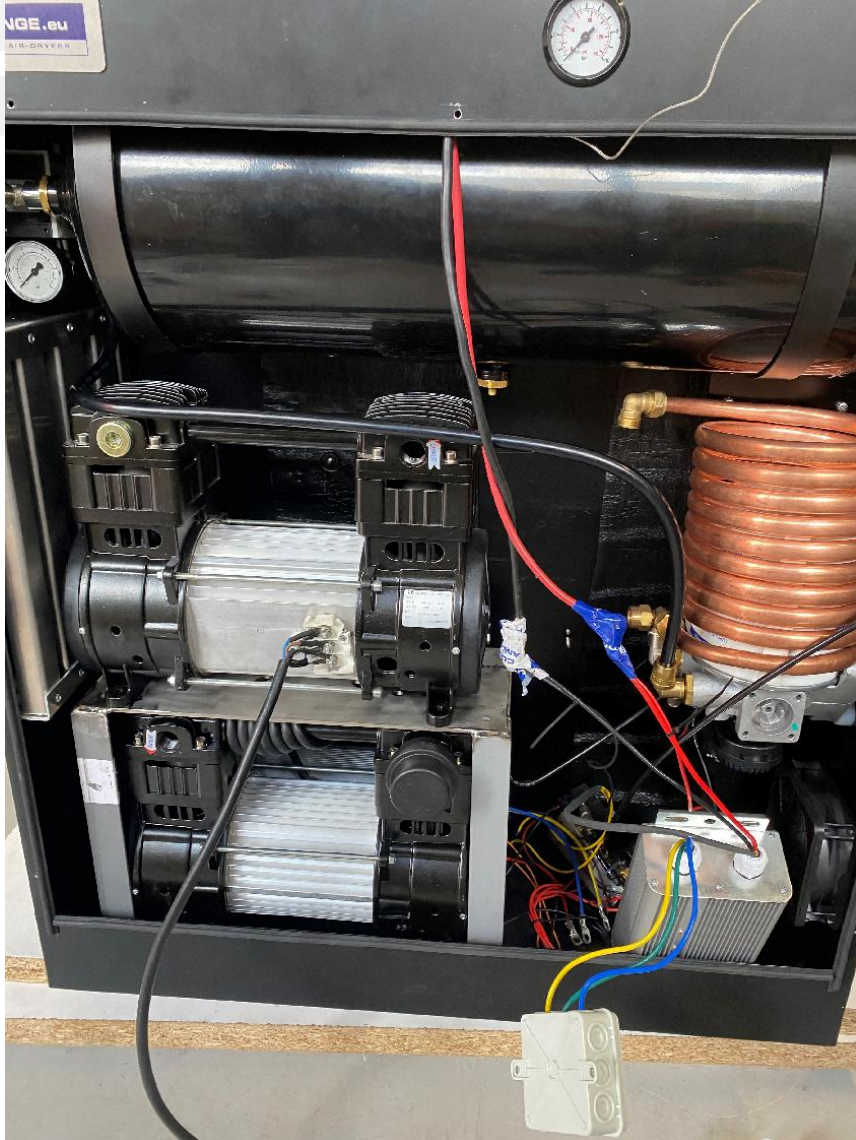
DC Brushless motor oilless air Compressor

HCEM



**DC Brushless Air Compressor
From DC30W to DC1500W**

DC Brushless motor oilless air Compressor



They are used for electric train, cars, buses etc. And
It can also be used for quickly inflate big tires

无油压缩机系列 Oilless Air Compressors

HCEM

无油洁净气源动力系列

Oil free clean air source power pump series



牙科应用
DENTAL CHAIR



臭氧机应用
OZONE GENERATOR

Advantage of HCEM compressor

Strong Air Flow

Low Energy Consumption

Save Power 20% A Year

Pressure and Air flow is the golden ratio, could produce the largest air flow most quickly under the low-energy situation.



More Silence

5-10 dB Lower than other common compressor.

Exclusive development of compressor cylinder system nano-coating technology, abandon the cheap oilless material commonly used by ordinary manufacturers. It's more quiet, cleaner and longer service life.



The comparison between HCEM dental air compressor and other cheaper one after using two years.



HCEM dental air compressor
The air flow is still pure and no bad smell.



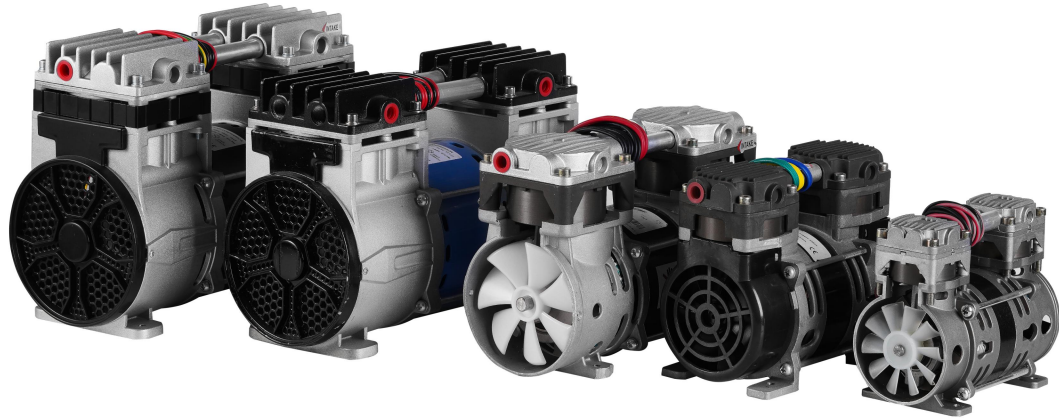
Other cheap dental air compressor
The air flow has impurity and bad smell, cause by the rust inside of the air tank.

无油压缩机系列 Oilless Air Compressors

HCEM

无油洁净气源动力系列

Oil free clean air source power pump series



**AC Oilless Air Compressor
From AC80W to AC4.0KW**



无油真空泵系列 Oilless Vacuum Suction Pump

HCEM

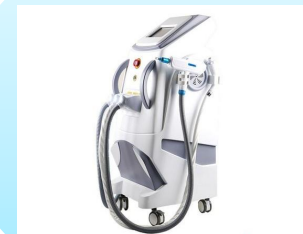
Oil Free Vacuum Pump



MILKING SYSTEM
吸牛奶机



VACUUM
PACKAGE
真空包装密封机



BEAUTY
DEVICE
美容设备



Dental Porcelain Oven
牙齿烤瓷炉



Sputum Aspirator
吸痰器



Mechanical Arms
机械手臂

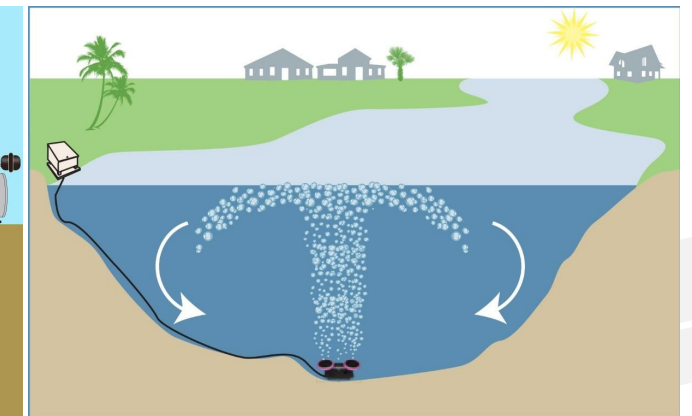
无油压缩机系列 Oilless Air Compressors



智能农渔高密养殖系列

Intelligent Agriculture and Fishing Farming

Pond aerator system



高效空间雾化消毒系列

High-efficiency space misting disinfection system

HCEM



Hospital



Dental office



Meeting room



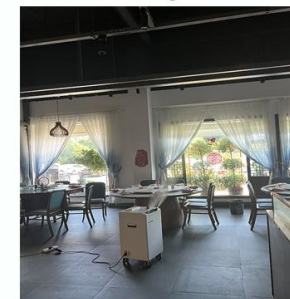
Office Rest Area



Gym



Hotel



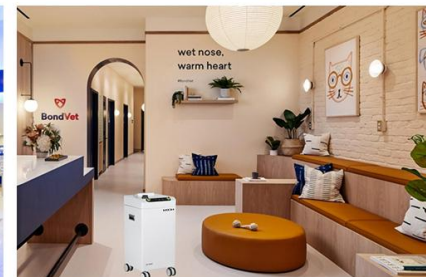
Restaurant



Lobby



Bank



Pet Hospital



School Classroom



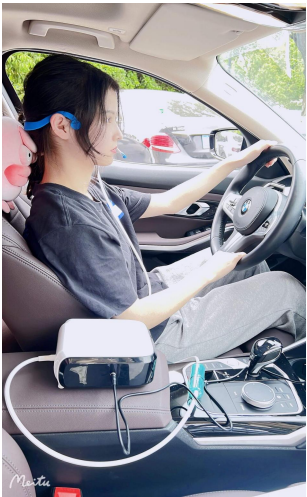
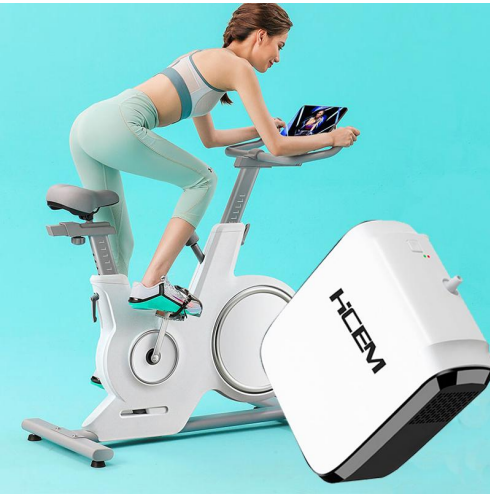
HC30M Portable Oxygen Concentrator

Technical Specification

MODEL	HC30M
Product Name	Enriched Membrane Type Portable Oxygen Concentrator
Rated Voltage	AC100-240V 50-60Hz or DC12-16.8V
Flow Rate	≥3L/min (Unadjustable)
Purity	30% ±2%
Sound Level	≤42dB(A)
Power Consumption	19W
Packing	1 pcs / carton case
Dimension	160X130X70 mm (LxWxH)
Weight	0.84 kg

Application:

Mountain Climbing , Studying , Aerobic exercise ,Driving , Beauty etc.



Certificates & Honors

资质荣誉

—— 04

Honor&Certificate



Authorization

Certificates



Utility Patents





Thank you for watching

Contact Us

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