



KINTEK SOLUTION

Vacuum Pump & Cold Trap Chiller Catalog

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KINTEK SOLUTION

COMPANY PROFILE

>>> About Us

Kintek Solution Ltd is one technology orientated organization, team members are devoted to probing the most efficient and reliable technology and innovations in the scientific researching equipment, fields like biochemical reacting, new materials researching, heat treatment, vacuum creating, refrigerating, as well as pharmaceutical and petroleum extracting equipment.

In the past 20 years, we earned rich experiences in this researching equipment field, we are capable to supply both the equipment and solution according to customer's needs and realities, we have also developed lots of customer tailored equipment according to a specific working purpose, and we have lots of successful projects in many universities and institutes from different countries, like Asia, Europe, North and South America, Australia and New Zealand, Middle East, and Africa.

Profession, quick response, hard working, and sincerity is a remarkable label of our team members working attitude, which earn us a sound reputation among our clients.

We are here and ready to service our clients from different countries and regions, and share the most efficient and reliable technology together!



Indirect Cold Trap Chiller

Item Number: KCT-2



Introduction

Boost vacuum system efficiency and prolong pump life with our Indirect Cold Trap. Built-in chilling system with no need for fluid or dry ice. Compact design and easy to use.

[Learn More](#)

Model	CT40I
Working temperature	-40°C-Room temperature
Refrigerant	R404A
Compressor	Embraco/
Trap tank size	Φ160×250/5L
Trap tank material	304/316L
Trapping device	3*500ml Glass bottle
Vacuum port	9.5mm hose barb
Power supply	110/220V, 50/60Hz,Single phase
Dimensions	350W*470D*811H
Weight	45kg

Direct Cold Trap Chiller

Item Number: KCT-1



Introduction

Improve vacuum system efficiency and extend pump life with our Direct Cold Trap. No chilling fluid required, compact design with swivel casters. Stainless steel and glass options available.

[Learn More](#)

Model	CT40D	CT80D
Working temperature	-40°C-Room Temperature	-80°C-Room Temperature
Refrigerant	R404A	
Compressor	Embraco/	
Trap tank size	Φ160×250/5L	Φ220×240/9L
Trap tank material	304/316L	
Trapper material	304/316L material	
Trapper size	Φ150*210mm trap	Φ180*200mm
Vacuum port	2*KF25/NW25	
Power supply	110/220V, 50/60Hz,Single phase	
Dimensions	350W*470D*811H	506W*669D*1388H
Weight	48kg	148kg

Rotary Vane Vacuum Pump

Item Number: VRD



Introduction

Experience high vacuum pumping speed and stability with our UL-certified Rotary Vane Vacuum Pump. Two-shift gas ballast valve and dual oil protection. Easy maintenance and repair.

[Learn More](#)

Voltage frequency	AC 100 ~ 120V/60Hz or AC 208 ~ 240V/50/60Hz
Rate (m3/h)	50Hz: 8m3/h (2.2 L/s);60Hz: 9.6m3/h (2.6 L/s)
body material	Stainless steel
greatest pressure	≤ 4E-3 Torr
Power (HP)	0.4KW / 0.37KW
motor speed	50Hz: 1440 rpm; 60Hz: 1720 rpm
Volume of oil (ml)	1000
Operating temperature	5-40°C
vacuum port	Built-in KF25D standard inlet/outlet ports
Dimensions (mm)	6.5"X 18"X 9.5"
Net weight (kg)	twenty one
application note	To protect the environment and human health, use traps and filters to minimize offgassing. To protect the vacuum pump from damage from condensing vapors or small particles, connect a cold trap or particle trap to the pump front-line.

Diaphragm Vacuum Pump

Item Number: LE301



Introduction

Get stable and efficient negative pressure with our Diaphragm Vacuum Pump. Perfect for evaporation, distillation, and more. Low temperature motor, chemical resistant materials, and environmentally friendly. Try it today!

[Learn More](#)

power	parameter
Motor power (W)	180
Power supply	220-240V~, 50Hz
Suction diameter (mm)	∅10×∅6
Maximum vacuum (MPa) /	0.0992/8
Ultimate pressure (mbar)	
Maximum pumping rate (L/min)	25
Dimensions (mm)	310W×225D×168H
Weight (Kg)	10
Operating ambient temperature (°C)	5~35
Ambient relative humidity (%)	≤ 70
Enclosure protection class	IP20
Anti-pollution	level 2

Inlet and outlet nozzle connection hose specifications: (outer diameter × inner diameter) (mm) Rubber hose: ∅12×∅6

Vertical Water Circulating Vacuum Pump

Item Number: KV-1



Introduction

Looking for a reliable water circulating vacuum pump for your lab or small-scale industry? Check out our Vertical Water Circulating Vacuum Pump with five taps and a larger air sucking amount, perfect for evaporation, distillation, and more.

[Learn More](#)

Detailed material

Ejector	check valve	Connecting pipe	three links	pump body	impeller	Air extraction nozzle
Copper	PP	NR	PP	304 stainless steel	304 stainless steel	PP

Model	SHZ-C
Vacuum port	5
Single port flowrate	10L/Min
Vacuum pressure	0.098Mpa
Pump Flowrate	80L/Min
Pump heading	12M
Pump head material	SS304/PTFE
Reservor volume	50L
Motor power	370W
Dimensions	440*340*830mm
Weight	37Kg

Benchtop Water Circulating Vacuum Pump

Item Number: KV-2



Introduction

Need a water circulating vacuum pump for your lab or small-scale industry? Our Benchtop Water Circulating Vacuum Pump is perfect for evaporation, distillation, crystallization, and more.

[Learn More](#)

Detailed material

Ejector	check valve	Connecting pipe	three links	pump body	impeller	Air extraction nozzle
PP	Copper+PP	NR	PP	PP	PA	PP

Model	SHZ-A	SHZ-B
Vacuum port	2	4
Single port flowrate	10L/Min	
Vacuum pressure	0.098Mpa	
Pump Flowrate	60L/Min	
Pump heading	8M	
Pump head material	SS304/PTFE	
Reservoir volume	13L	15L
Motor power	180W	370W
Dimensions	400*280*240mm	
Weight	15Kg	17Kg



Kintek Solution

Head Quarter: No.89 Science Avenue, High-Tech Zone,
Zhengzhou, China

Hongkong Office: 300 Lockhart Road, Wan Chai,
Hongkong

Canada Office: Boulevard Graham, Mont-Royal, QC, H3P
2C7, Canada

