



300KV Transformer Oil Filling Machine Plant With Vacuum Process

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: JC
- Certification: SGS CE,UL
- Model Number: Kz
- Minimum Order Quantity: 1 pcs
- Price: consult
- Packaging Details: Export standard packaging
- Delivery Time: 3 days
- Payment Terms: L/C, T/T, Western Union, MoneyGram
- Supply Ability: 100pcs/month



Product Specification

- Application: Electronic, Instrument
- Type: Voltage Transformer
- Operation Condition: Indoor
- Usage: Oiling
- Application: Industrial
- Control Mode: Automatic
- Flow Rate: High
- Name: Vacuum Oiling Equipment
- Noise Level: Low
- Temperature: High
- Type: Equipment
- Voltage: 220V
- Weight: Heavy
- Highlight: transformer oil filling process, transformer oil filling machine, 300KV Transformer Oil Filling Machine



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Product Description

Transformer Oil-filling Plant with Vacuum process for 300KV oil type transformers DESCRIPTION:

A transformer oil-filling plant with a vacuum process for 300kV oil type transformers is a facility designed to fill oil into high-voltage oil-filled transformers using a vacuum technique. This process ensures that the transformer is properly filled with oil and eliminates air and moisture, which can affect its performance and insulation properties. Here is a general overview of the steps involved in such a plant:

Preparation: The transformer is prepared by ensuring it is clean, dry, and all openings are accessible for the oil-filling process. The transformer should also be tested and inspected to ensure it meets the required standards.

Vacuum Chamber: The transformer is placed inside a vacuum chamber, which is a sealed enclosure capable of withstanding the required vacuum pressure. The chamber is equipped with ports for oil filling, vacuum creation, and monitoring instruments.

Vacuum Creation: A vacuum pump is used to create a vacuum inside the chamber. The vacuum removes air and moisture from the transformer and its components, ensuring a clean and dry environment for the oil filling process.

Oil Heating: The transformer oil is heated to a suitable temperature to improve its flow properties and reduce its viscosity. This heating process is typically done using an oil heater or a heat exchanger.

Oil Filling: Once the vacuum is established and the oil is heated, the oil is introduced into the transformer. This is usually done by connecting the oil supply to the transformer's oil inlet port. The oil is carefully poured or pumped into the transformer, filling it from the bottom up to minimize the introduction of air bubbles.

Vacuum Degassing: After the initial oil filling, the vacuum process continues to remove any remaining air and moisture from the oil and the transformer. This degassing process helps improve the oil's dielectric strength and ensures better insulation performance.

Monitoring and Control: Throughout the oil-filling process, various parameters such as vacuum level, oil temperature, and oil flow rate are monitored and controlled to ensure proper filling and degassing.

Completion and Testing: Once the oil filling and vacuum degassing process is complete, the transformer is sealed and prepared for further testing and commissioning. This may include additional tests such as insulation resistance, oil quality analysis, and electrical performance tests.

It's important to note that the specific equipment and processes in a transformer oil-filling plant may vary depending on the manufacturer and the requirements of the transformers being filled. Additionally, safety measures must be followed during the oil-filling process, as transformer oil can be flammable and hazardous.

Basic Info.





Model NO.	KZ	Insulating Medium	Epoxy Resin
Installation	Active Type	Magnetic Circuit Structure	Combined Type

Voltage Transformation Principle	Photoelectric Type	Turn-Key Projects	One-Step Service
Mixing Bowl	300L	Product Description	
Application Area	for Electrical Insulators	Pouring Pot Size	2200X3000
		Prouct Name	Standard Vacuum Casting Equipment
Transport Package	Wooden	Specification	900*900*900
Trademark	CR	Origin	China
HS Code	8514300090	Production Capacity	60000PCS/Year

Product Decription:

KZ Series vacuum oil adding machine is mainly used for amorphous transformers, high voltage oil-immersed transformers, power capacitors for high-voltage oil-immersed tube, vacuum grease.

Oiling system can automatically run this equipment, filling the product oil, and so on.

KZ Vacuum oil adding equipment is divided into:

KZY Vacuum oiling equipment

KZF Vacuum oiling equipment

Main technical characteristics

1.This device consists of a vacuum tank, vacuum systems, storage heating, fuel tanks, fuel injection systems, refrigeration systems, control systems.

2.Note round-tank to tank, sealing well.

3,Tanks made of stainless steel material, insulation cotton plus mirror stainless steel plate armor, tanks with filler and population.

4,Oiling system is accurate, quantitative digital control.

5.This device uses a touch screen control.

N O	Model	Dryer size mm	Condenser	Vacuum unit	Oil tank heating	Drying of the oil tank size	Contol mode	Open method
1	KZY-2400	2400X3000	4m ² Vertical 4m'	2X-70/ZJY-300	Electric hot plate heating	1200X2600	Touch screen	/ Latera,Ra nt
2	KZY-2600	2600X3500	4m ² Vertical 4m	X-100/ZJY-300	Electric hot plate heating	1200X2600	Touch screen	/ Lateral,dsteent
3	KZY-2800	2800X3500	6m ² Verical 6m	X-100/ZJY-300	Electric hot plate heating	1200X2600	Touch screen	/ Later) Ren
4	KZY-3000	3000×4000	6m ² Vertical 6m'	X-100/ZJY-300	Electric hot plate heating	1200X2600	Touch screen	/ Lateral,Repa emen
5	KZY-3200	3200X4000	6m ² Vertical 6m	X-150/ZJY-300	Electric hot plate heating	1200X2600	Touch screen	/ Latera asp

Kz Vacuum Oiling Equipment

My company:

Mycomany is a high-tech private enterprise, it has a experienced term, which more than ten years engaged in research and development, design, manufacture and installation of vacuum equipment. Besides, it is not only committed to build high quality brand about vacuum equipment, but it also has prodcuts, which are widely used in impregnating, epoxy resin pouring, drying, and note oil processing in some industries(like metal heat treatment, transformer, and transformer device, reactor device, reg- ulator device, high pressure electrical, motor, capacitor, switch and other similar industries).

Relying on strong technical advantages and scale advantages, and it also dedicated itslef to develop Vacuum application technology and relative vacuum equipment Main products are different kinds of vacuum casting equipments, vacuum drying equipment, vacuum impregnation equipment, vacuum oiling device equipment, and vacuum heat treatment equipment.

The most important of this company is product qualitu, and it strictly follows international quality certification system, implmentcation od quality poliy about'creating a Kerry brands, buliding first-class equipment, following innovation for development, and being in accordance with customer service.It also provides the best solution, higher quality products and more valuable and efficient after-sales service for new and old customers.

Kz Vacuum Oiling Equipment



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