

ZJJ-I Series Online Vacuum Oil Filling Machine

Application:

ZJJ-I Series Online Vacuum Oil Filling Machines (also named Bushing Oil Machine, Vacuum Oil Filling Machine and Transformer Oil Filling Machine) adopt advanced control technology, high quality filters and high efficiency vacuum pump. They are with functions of automatic vacuum evacuation and on-load oil filling which can effectively control water content in insulating oil and is widely used for oil filling of electric current transformers or potential transformers (abbreviation as CT, PT) in electrical system for oil level adjustment after periodically taking oil sample and oil testing. It solves the problems of traditional method of artificial oil filling which may cause air absorption of CT/PT coil or illusive oil level caused by residual air. By adopting ZJJ-I machines, there will be no air bubbles formed and no need to stop PT/CT during the oil filling process. These machines are with small size, reliable performance and convenient operation which can greatly reduce the labor intensity and difficulties of work and ensure the safety of the equipment operation. It is widely applied to all types of power substations and other working conditions for oil filling and vacuum evacuation. The ZJJ online vacuum oil filling machines are mainly composed of special connector, oil pump, oil tank, primary filter, electric heater, fine filter, liquid level sensor, temperature sensor, vacuum pump, vacuum gauge, valve group and electric control system.

Advantages:

- Online oil filling and oil level adjustment
- Automatically keep vacuum degree
- High efficiency to remove particles and impurities
- Automatic constant temperature heating and dehydration
- Over-pressure protection system
- Manually control step by step or automatically control



Technical Specification:

Index	Unit	Technical Specification
Oil Filling Capacity	L/min	0.5-2.0 (Adjustable)
Working Vacuum Degree	MPa	≤ -0.075
Working Pressure	MPa	0-0.35
Filtration Precision	μm	≤ 1 ($\beta_1 \geq 1000$)
Total Power	Kw	0.8
Input Voltage	V	AC220
Working Noise	dB(A)	60
Weight	Kg	40
Overall Dimension	mm	600×350×375

■ Above size and weight are for reference only, the specific data shall be subject to its physical object.