

RF-68 Sulfur Hexafluoride(SF6) Recycling Device



Application field: It applies to recycle Sulfur hexafluoride (SF6) in high-voltage switch factories, electric institute, power plant, power supply bureau, transformers, etc.

Product profile: It is a Push-pull type recycling, purification and recharge device. Modular design, features can be combined, compact structure, easy operation, safe, and little maintenance, good performance of vacuum pump and valves.

Main functions:

Integrated liquefaction, purification and storage of recovered sulfur hexafluoride gas

The unique purification and filtration technique (invention patent) for cycle purification treatment to recovered sulfur hexafluoride (SF6) gas

Equipped with 160L SF6 gas accumulator

Able to recharge SF6 gas in accumulator back to GIS, high-voltage switch or electronic equipment

Equipped with electronic weight device, can do real-time weighting of SF6 while recycling and recharging.

Vacuum electronic equipment

Independent gas heating system, higher recharge efficiency

Display the value of vacuum degree

Technical index

Volume of storage tank	80L	
Vacuum pumping speed	17m ³ /h	
Limit vacuum degree	≤10Pa	
Recovery speed	0~45kg/h	
Annual leakage rate	≤1%	
Filtration precision	<1μm	
Operating power supply	AC220V 50Hz	
	Maximum power	8KW
Ambient temperature	0℃~40℃	
Humidity	<85% no Condensation	
Weight	360Kg	
Dimensions	1430×760×1180 (mm)	

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Accessories with machine:

- a) With self sealing gas and liquid conveyor pipe: 1 stalk, 3 meters
- b) With self sealing recovery pipe: 1 stalk, 5 meters
- c) Power cord: 1 stalk, 10 meters
- d) Gas bottle heating weighing device (optional)
- e) Switch joint (optional)