

RF-051T SF₆ gas service cart



Application area

Suitable for medium and low voltage switch (10kV ~ 40.5kV) inflatable cabinet; high voltage for 72.5kV ~ 220kV porcelain column breaker; 500kV porcelain column breaker, 110kV SF₆ closed combination (GIS).

Applicable standards

- ◆ DL/T 662 Specification for SF₆ gas refilling and recovery device
- ◆ IEC 62271-4 High-voltage switchgear and control gear – Part 4:
Handling procedures for SF₆ and its mixtures

Features

- ◆ SF₆ gas recovery, liquefaction, storage
- ◆ Refilling the stored SF₆ gas into a switchgear or pressure vessel
- ◆ Filter and dry the recovered SF₆ gas
- ◆ Vacuum the device itself
- ◆ Equipped with a digital vacuum gauge or vacuum sensor to accurately display the vacuum
- ◆ Negative pressure recovery function, improve the recovery efficiency
- ◆ The vacuum pump is equipped with anti-return valve to avoid oil return

◆ Optional different cooling methods for ambient temperatures in different parts of the world, ensure fast and efficient recovery

◆ Optional self-loading device

Technical parameters

Oil-free compressor: recovery rate: 4m ³ /h, final pressure: 50bar
Vacuum compressor: 7.2m ³ /h
Vacuum pump: 17m ³ /h
Control method: PLC touch screen
Storage tank: No tank / 70L tank
Filter: filter moisture, decomposition and dust
Evaporator
Recovery hose: DN19*5m, Both ends are DN20 couplings
Refilling hose: DN13*5m, one end is DN20 coupling, the other end is ball valve and gas cylinder joint
Power supply: Three-phase five core, AC380V, 50Hz/60Hz
Size and weight: determined by configuration



