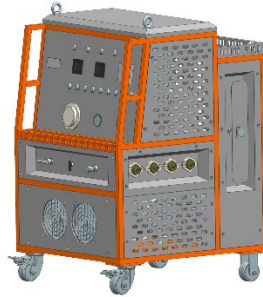


## RF-051KA1B1 SF<sub>6</sub> gas service cart



### 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 SF<sub>6</sub> closed combination (GIS).

### Applicable standards

- ◆ DL/T 662 Specification for SF<sub>6</sub> gas refilling and recovery device
- ◆ IEC 62271-4 High-voltage switchgear and control gear – Part 4:  
Handling procedures for SF<sub>6</sub> and its mixtures

### Features

- ◆ SF<sub>6</sub> gas recovery, liquefaction, storage
- ◆ Refilling the stored SF<sub>6</sub> gas into a switchgear or pressure vessel
- ◆ Filter and dry the recovered SF<sub>6</sub> 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 <sup>3</sup> /h, final pressure: 50bar
Vacuum compressor: 7.2m <sup>3</sup> /h
Vacuum pump: 17m <sup>3</sup> /h
Control method: Hand control
Storage tank: No 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

