

Equipment for Service and Maintenance of SF₆ -Switchgear and Circuit -Breakers

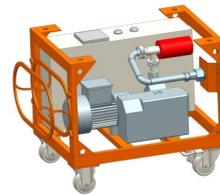
Certified acc. EC 305/2008

GTRU - MINI-RF



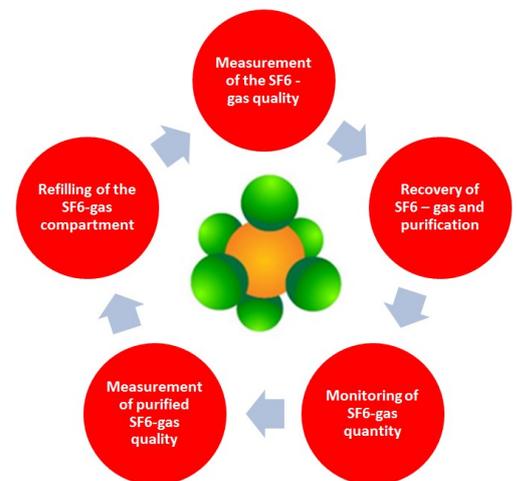
SF₆ – **G**as **T**reatment and **R**ecovery **U**nit for circuit breakers and small gas compartments

GTRU - MINI-RF small service cart



Product features

- Compact, robust and mobile unit
- Designed for servicing small breakers
- For efficient gas handling of small gas compartments
- Made with Swiss engineering & heavy duty components
- Liquefaction and storage into external cylinders
- Reliable and loss-free recovery and purification of SF₆
- Evacuation of air and withdrawal of moisture prior to re-filling
- Gas transfer and recovery between external gas cylinders
- Refilling from separate gas cylinder
- Easy control and simple handling
- No unnecessary evacuation of hoses required
- Display for vacuum / pressure
- High efficient SF₆ moisture and particle filter system



Safe and sustainable recovery of SF₆

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Technical data

Compressor:	dry- running, capacity 4,0 m ³ /h at suction pressure 3 bar abs, final pressure 50 bar
Vacuum compressor:	dry- running, 7,2 m ³ /h, final vacuum < 1 mbar
Vacuum pump:	capacity 25m ³ /h, final vacuum < 1 mbar
Gas connection:	2pc DN20 self closing connection and 1pc DN8 for sample service
Filter:	6kg Molecular sieve dry filter, HEPA 1 micron particle filter
Tubing:	Stainless steel
SF ₆ recovery rate:	8kg per hour
Operating voltage:	3ph 380-420V - 50Hz (customized power supply on request)
Tires:	solid rubber, heavy duty wheels
Dimension:	1030 x 750 x 1080 mm (l x w x h)
Weight:	apprx. 280 kg
Paint:	Red (RAL 3020)
Manual:	operating instruction in English, other languages on request

Accessories (optional)

- Rubber or wire braided hoses DN20 , DN13 or DN8 - 5 m / 10 m , with quick connection
- External SF₆ - storage bottle
- SF₆-bottle precision weighing scale
- American SF₆—bottle connection with Whitworths-left hand thread 0,96”
- SF₆- bottle connection with G 5/8 thread
- Integrated or separate dew point control measuring unit
- SF₆ - leak detector and working protection kit for health protection

Spare parts (optional)

- Maintenance package for: compressor, vacuum compressor, vacuum pump
- Cartridge for particle filter and dry type molecular sieve