

SF₆ GAS RECOVERY UNIT - GRU-4 SERIES

SPECIFICATIONS

DIMENSIONS:

Height: 46" (1170 mm)

Width: 22" (560 mm)

Depth: 24" (610 mm)

Weight: 225lbs (103kg)

STANDARD VOLTAGE:

120v-1PH -60 Hz

220V-1PH -50/60 Hz

(other voltages available on request)

SYSTEM PERFORMANCE:

Designed for breakers up to 69 kV

SF₆ gas transfer rates up to 19lbs/8.5kgs per hour

Optional SF₆ recovery to 99.9%

Vacuum pump for evacuation of air & moisture
6 CFM (10 m³/hr) <1 mbar
10 CFM (17 m³/hr) <1 mbar



This cart is ideally suited for servicing small volume SF₆ equipment. All processes required for servicing SF₆ equipment can be performed with this cart.

APPLICATIONS:

- Recover and purify SF₆
- Evacuate air and moisture prior to filling
- Consolidate SF₆ cylinders
- Store SF₆ in liquid state in onboard storage or auxiliary bottles
- Regulated filling of SF₆ equipment
- Purification of SF₆ (removes particles, moisture, and SF₆ decomposition products)

FEATURES:

- Mounted on a convenient hand cart with 10" (250mm) pneumatic tires for ease of movement
- Very easy to operate - only two valves to switch operating modes
- High pressure, direct-drive oil-less compressor with 1000:1 compression ratio (capable of 1000psi – 69 bar)
- Capable of liquid SF₆ storage
- Purifies, dries and filters to 0.1 microns during recovery and re-pressurization
- Filters are easily changed without disconnecting any tubing or using any special tools
- Auxiliary connection allows for infinitely expandable storage through use of external tanks
- Comes complete with 9.8ft / 3m hoses and power cable
- Colour change moisture indicator to monitor moisture in gas

OPTIONAL FEATURES:

- Stainless Steel Fittings instead of copper/brass for better corrosion resistance
- Increase vacuum pump to 10CFM (17m³/hr) from 6CFM (10 m³/hr) for faster evacuation of air and moisture
- Tank heater
- Insulation blanket for storage tank

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