

SPECIFICATIONS

DIMENSIONS:

Height: 74" (1900 mm)

Width: 45" (1140 mm)

Depth: 58" (1470 mm)

Weight: 950lbs (432kg)

STANDARD VOLTAGE:

220V-1PH -50/60 Hz

(other voltages available on request)

SYSTEM PERFORMANCE:

Ideal for breakers up to 256kV

SF₆ gas transfer rates up to
112lbs/51kgs per hour

<1mbar residual SF₆ gas pressure

Vacuum pump for evacuation of air
& moisture:

15 CFM (25 m³/hr) <1 mbar

Optional

24 CFM (40 m³/hr) <1 mbar

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SF₆ GAS RECOVERY UNIT - GRU-8 SERIES



FASTEST SF₆ RECOVERY RATE IN ITS CLASS

We've developed the GRU-8 for our customers who found they needed more storage and recovery capacity than smaller handcart mounted units. The GRU-8 is available without the bulk and high price of a large skid or trailer mounted unit.

APPLICATIONS:

- Recover and purify SF₆
- Purifies recovered SF₆ twice during regular routine
- Purification of SF₆ (removes particles, moisture, and SF₆ decomposition products)
- Evacuate air and moisture prior to filling
- Consolidate SF₆ cylinders
- Store SF₆ in liquid state (optional onboard storage)
- Regulated filling of SF₆ equipment

FEATURES:

- Easy to operate – single valve 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
- Mounted on a cart with casters and rack for storage up to three SF₆ storage bottles (total onboard storage up to 350lbs/160kg) – 660lbs/300kg with optional storage tank
- 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:

- PLC touch screen controls
- Stainless Steel Fittings instead of copper/brass for better corrosion resistance
- Upgrade vacuum compressor for better recovery of SF₆ (99.9% SF₆ recovery from 99.6%)
- Vacuum pump to 24CFM (40m³/hr) from 15CFM (25 m³/hr) for faster evacuation of air and moisture
- Weigh scale for accurate measurement of SF₆
- 13.36ft³ / 300liter (660lbs / 300kg) SF₆ onboard storage tank with weigh scale for storage instead of standard bottle rack -unit weight to 720lbs / 326kg
- Custom supply voltages