

SPECIFICATIONS

DIMENSIONS:

Height: 68" (1727 mm)

Width: 33.5" (851 mm)

Depth: Depth: 39.5" (1003 mm)

Weight: 2 Cylinder

Weight: 714lbs (324kg)

STANDARD VOLTAGE:

220V-1PH-50/60 Hz

(other voltages available on request)

SYSTEM PERFORMANCE:

Designed for breakers up to 132 kV

SF₆ gas transfer rates up to 2.3 CFM (4m³/h)

Recovery rate down to 100 mbar.

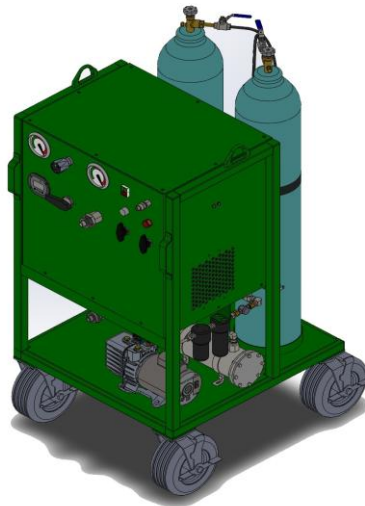
Optional XDS upgrade recovers down to <1mbar

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

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SF₆ GAS RECOVERY UNIT



FASTEST SF₆ RECOVERY RATE IN ITS CLASS

We've developed the GRU-7 PLUS for our customers who found they needed more storage and recovery capacity than smaller handcart mounted units. The GRU-7 PLUS 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 (capable of 500psi – 34 bar)
- Capable of liquid SF₆ storage
- Purifies, dries and filters to 0.1 microns during recovery and charging operations.
- SF₆ (99.9% SF₆ recovery)
- Filters are easily changed without disconnecting any tubing or using any special tools
- Mounted on a cart with casters and rack for storage of two (2) SF₆ storage bottles (total onboard storage up to 230lbs/104kg). Auxiliary connection allows for infinitely expandable storage through use of external tanks
- Colour change moisture indicator to monitor moisture in gas
- Stainless Steel tubing & Fittings instead of copper/brass for better corrosion resistance and durability.

OPTIONAL FEATURES:

- Custom supply voltages
- Vacuum Compressor 3.5 CFM (6m³/h)
- Optional Vacuum Pump upgrade for evacuation of air & moisture 23.5 CFM (40 m³/hr) <1 mbar
- Optional Weigh Scale for accurate measurements of SF₆ gas.