

SF₆ GAS RECOVERY UNIT

GRU-4

Description

ENERVAC's world-class SF₆ Gas Recovery Unit incorporates a high pressure, **totally oil-less compressor capable of 1000 psig of pressure**. This new technology allows for liquefaction of SF₆ gas even in the warmer climates typical of the southern United States.

This cart is ideally suited for servicing small volume SF₆ equipment. All processes required for servicing SF₆ equipment can be performed, such as gas removal, temporary storage, contaminant filtration to 0.1 micron, gas purification and drying, equipment evacuation, and equipment re-pressurization. The cart is **also ideally suited for consolidating partially used SF₆ bottles** into one bottle.

Features

- Mounted on a convenient handcart with 10" (250 mm) pneumatic tires for ease of movement.
- Very easy to operate. Only two valves and one hose connection to operate the cart.
- Evacuates equipment up to 20"Hg during recovery to ensure minimum gas loss.
- Purifies, dries, and filters SF₆ to 0.1 microns during recovery and re-pressurization.
- Onboard vacuum pump can evacuate equipment to less than 1 Torr and comes with an anti-suck back valve.
- Can be used with SF₆ bottles for storage, topping up, and consolidation.
- Automatic shut off when storage tank is full of liquefied gas or if it has reached maximum allowable pressure.
- All filters are easily changed without disconnecting any tubing.
- High pressure permeation resistant hoses complete with self-sealing quick disconnects.
- Pressure regulated filling of SF₆ equipment.
- **Spare and replacement parts are readily available.**



Specifications

- 120V-60Hz 15 Amp operation.
- Other voltages are available.
- 24" (610 mm) depth x 22" (560 mm) width x 46" (1170 mm) height, 225 lb (103 kg).
- High pressure, direct drive oil-less compressor, safety switch set at 500 psig (3450 kPag).
- Unit comes complete with hoses & power cords.