

AGTU

HIGHEST ACCURACY & LOWEST COST



SF₆ Gas Transfer Unit

AGTU

- Weight: 75 lbs - 34 Kg
- Dimensions: 20"x16"x25" - 510x410x635 mm - (H x W x D)

amperis

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Designed as a low cost solution to recovering, consolidating and transferring Sulfur Hexafluoride, the AGTU is an essential tool for servicing small volume SF₆ equipment.



Features:

- Rugged steel enclosure.
- Regulated inlet for direct connection to high-pressure bottles without throttling.
- High discharge pressure for liquefaction in high ambient temperatures.
- Can be used with SF₆ tanks, bottles or carts.
- Automatic shut off when maximum allowable pressure is reached.
- High pressure, direct-drive oil-less compressor with 1000:1 compression ratio (capable of 1000psi – 69 bar).
- Comes complete with 9.8ft / 3m hoses and power cable.
- Filters are easily changed without disconnecting any tubing or using any special tools.
- Colour change moisture indicator to monitor moisture in gas.
- Purifies, dries and filters to 0.1 microns during recovery and re-pressurization:
 - (D1) - Dryer Filter - Contains activated alumina to aid in the drying and purification of SF₆ Gas.
 - (F1) - Particulate Filter - Will filter all particulate matter down to 0.1 micron nominal.

Applications:

- Recover SF₆ gas to an optionally available auxiliary storage tank.
- Pressure regulated recharging of SF₆ gas to switch gear.
- Consolidation of storage cylinders.
- Purification of SF₆ (removes particles, moisture, and SF₆ decomposition products).



CIRCUIT BREAKER - 72.5kV:
Weight of SF₆: 29 lbs – 13 Kg

AGTU - Specifications

Type	Portable SF ₆ Gas Transfer Unit.
Physical specifications	25" (635 mm) Wide x 16" (410 mm) Deep x 20" (510 mm) //75 lbs. (34kgs.).
Input power	120Vac/60Hz - 220Vac/50Hz.
Filters	(D1) - Dryer Filter - Contains activated alumina to aid in the drying and purification of SF ₆ Gas. (F1) - Particulate Filter - Will filter all particulate matter down to 0.1 micron nominal.
Hoses	Two Permeation Rubber Resistant Hoses: 1/4" (6 mm) I.D. X 10 Ft. (0.91 meter) Long, complete with quick disconnect self-sealing end fittings. Hoses will be suitable for system pressure, temperature and flow.

AGTU- Optional Upgrades and Accessories

DN-8 Style Quick Connections	Unit can be supply with DN-8 style quick connections on equipment and hoses.
Increase Hose Length	Unit can be supply with 6m. hoses instead of 3m.

AGTU- Spare Parts

Filter D-1	Dryer Filter – recommended to change each 50 hours of compressor work.
Filter F-1	Particulate Filter – recommended to change each 50 hours of compressor work.