

Transorfilter

Storage tank for SF₆ gas

600 Liter



TRANSORFILTER

www.transorfilter.se

Sweden

Transorfilter, 600L Storage tank for SF6

Transorfilter 600L storage tank is used for high pressure storage of SF₆ gas in liquid and gaseous phase. A digital weighing system is included.

For the field service

Transorfilter 600L storage tank is used for high pressure storage of SF₆ gas. The gas can be stored with pressure up to 51 bar(abs) and the gas tank is suitable for filtered and recycled SF₆ gas from gas insulated electrical switchgear or circuit breakers etc. Also, the gas tank can be evacuated after use down to <1 mbar. An integrated weighing system consisting of 4 pcs load cells and a digital display is included with the 600L storage tank at delivery.

The storage tank is assembled in a chassis with fork lift pockets and four wheels to facilitate movement. Chassis is also equipped with four lifting loops so that it can be lifted with a traverse or lifting ropes etc. Construction is designed to fit the Transorfilter gas handling equipment FV9C or FV24C. Therefore, there are turned cutters in all four corners of the chassis, which means that the gas tank is stackable and can be placed under the Transorfilter gas handling equipment.

The 600L storage tank is best used together with a larger gas handling equipment e.g. Transorfilter FV9C or FV24C. In this case the SF₆ gas is filtered and pumped, from a gas filled object, to the 600L gas tank which is connected to the equipment. It can also be used together with other smaller gas handling equipment.

Gas inlet connection is situated at the short side of the chassis for easy connection to Transorfilter gas handling equipment FV9C or FV24C. A gas outlet connection is situated below the front panel and is used when gas is taken out of the tank.

When SF₆ is taken out of the 600L storage tank the operator can choose between gaseous or liquid phase SF₆ depending on tank pressure and temperature.



Transorfilter, Technical Data

Measurements	600L storage tank for SF6
Length:	2400 mm
Width:	1000 mm
Height:	1100 mm (including wheels)
Weight, approx.:	900 kg

Technical data	600L storage tank for SF6
Storage tank SF6 capacity:	600 Liter
Storage tank max pressure capacity:	51 bar(abs) (design pressure 70bar)
Load cell capacity:	Max 2000 kg (4 load cells á 500kg each)
Accuracy load cells:	+/- 100g
Voltage and frequency weighing system:	Built in re-chargeable batteries, charge at 1 x 230V, 50Hz ***
Inlet hose connection:	Male DN20 (1 pcs) connect to gas handling unit etc.
Outlet hose connection:	Male DN20 (1 pcs) outlet connection, to gas compartment etc.
Storage tank pressure indicator:	0-60bar, Ø100mm

*** Other voltage and frequency specifications at your request.
Subject to changes without notice.

