

Gas recovery bag Model GA45

SF₆ recovery bag

Applications

Intermediate storage of SF₆ gas after gas analysis

Special features

- Low weight and easily transportable
- Cost-effective version to prevent SF₆ gas emissions
- Compatible with all WIKA gas analysis instruments
- With overpressure valve as burst protection
- Resistant to decomposition products



Gas recovery bag, model GA45

Fig. left: folded

Fig. right: filled

Description

Durable

The double-skinned GA45 gas recovery bag is manufactured from extremely durable and gas-tight plastic. This design has been made specifically for the harsh conditions within switchgears. The gas recovery bag is constructed so that the usual SF₆ gas decomposition products also can be safely stored in it.

Environmentally friendly

The portable gas recovery bag serves as intermediate storage for SF₆ gas after gas analyses. SF₆ produces the greatest greenhouse effect of all known gases, and is mentioned explicitly in the Kyoto protocol.

Space-saving

The recovery bag is designed so that it needs hardly any space when folded. When unrolled, the recovery bag can hold up to 110 litres of gas.

Easy to use

The gas recovery bag is delivered with a hose which connects to the respective analysis instrument via a self-closing quick coupling.

For burst protection, an overpressure valve is included in the bag, which prevents the bag from bursting should the relative pressure reach 80 mbar.

Reusable

A full gas recovery bag can be evacuated for reuse. The WIKA GTU10 gas transfer unit is suitable for this. The gas can be liquefied in a gas cylinder to save space or can be pumped back into the gas compartment alternatively.

With the lightweight gas recovery bag, the need for the difficult transport of compressors for direct pumping back can be avoided.

Specifications

Storage capacity

110 litres

Permissible pressure ranges

Maximum pressure: 280 mbar

Overpressure valve opens at 80 mbar

Size (W x H x D)

Folded: 760 x 150 x 110 mm

Filled: 760 x 430 x 900 mm

Weight

0.9 kg

Scope of delivery

- Gas recovery bag, model GA45
- Connecting hose with quick couplings