

## Datasheet



The very first fully automatic, portable Mass-Flow Controller for SF6 measurement, allows traceable accurate measurement of the use of SF6 gas during “Fill” or “Top-Up” operations.

The portable mass-flow meter (MF-1000) has been developed to ensure the use of SF6 gas is accurately controlled and monitored. SF6 gas is an expensive commodity which can also have a major environmental impact when released into the atmosphere.

Governments worldwide are introducing legislation, such as EC842/2006, to control the use of this gas and limit leaks from the equipment in which it's used as an insulating medium. Therefore accurate measurement and control of SF6 usage, is essential.

The MF-1000 is a fully automatic portable massflow meter which can monitor and record how much gas is being used during both “fill” and “top-up” operations. The key features and accuracy of this instrument offer a major step forward in the handling of SF6 gas within the electricity market.

## Specification

### Features:

- Unit available in two formats: 15kg/hr for “top-up” and 50kg/hr for “fill” operations
- Automatic data-logging for full traceability
- Audible alarm for “failure” or “finish” operations
- Ease-of-use – designed for use by plant engineers and fitters. Does not require specialist personnel, or contain any consumable chemical solutions

### Benefits:

- Fully automatic operation, just set the parameters, press “GO” and the unit will fill the plant equipment with the correct amount of gas at the required pressure, before shutting-down
- Protective IP67 case
- Simple operation for ease of use
- Fully portable - uses rechargeable batteries, giving up to 5 hours operation which enables fullportability
- There is also the facility to operate the unit from a mains power supply