

# SF6 emt smartfill



**SF6 Smartfill - the latest addition to EMT's world leading portfolio of SF6 analysers**

Smartfill expertly and accurately measures, controls and monitors SF6 gas used in the filling and topping up operations of electricity substation maintenance

With increasing pressure from Environmental & Political forces and the Economic & Financial constraints influencing asset management strategies, SF6 has become an expensive commodity and critical asset. With regulations governing SF6 inventory and usage, measurement and control is essential

True to the assero product range, the Smartfill SF6 Mass Flow Controller significantly improves upon SF6 gas handling practices currently adopted by the industry

Portable and fully automated, with set parameters and simple operation, Smartfill fills and tops up equipment with the precise amount of SF6 gas required - no waste - no leakage

Automatic data logging provides complete traceability; Smartfill records exactly how much SF6 gas has been used during these procedures



# Smartfill Technical Specifications

PART NO. SMFL

## Operation

High flow rate up to 50 Kg/hr – Filling  
Low flow rate up to 15 Kg/hr – Topping Up  
Smallest deviation 0.1 Barg

## Accuracy

MFC 1% of FS  
Pressure sensors 0.5 % FS  
Max inlet pressure : 10 Barg  
Min inlet pressure : 2 Barg

## Control

Simply press “Go” and Smartfill carries out its filling and topping up protocols with complete automation and precision

## Safety

Emergency stop – auto shut down

## Hoses

Braided hoses – Swagelok/PTFE

## Certifications

Leak test certificate (He Leak test 10 -4 SCCS)  
Calibration certificate Pressure sensors + MFC  
Pressure test certificate (10 Barg)

## Power Supply

AC power 110/230VAC 50/60Hz  
Battery – 5hrs



For further information please contact EMT on the details below:

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