

Smartfill MFU SF6 Filling and Topping Up System

emt
Experts in ultrafast SF6
gas analysis and handling



Smartfill MFU expertly and accurately measures, controls and monitors SF6 gas during filling and topping up of SF6 compartments.

The filling up and topping of SF6 compartments can use large volumes of gas over an extended time period creating potential issues such as:

- Safety of people
- Time and resource
- Line freezing
- Repeatability of filling quality/human error
- Arc flashover
- Cost and downtime

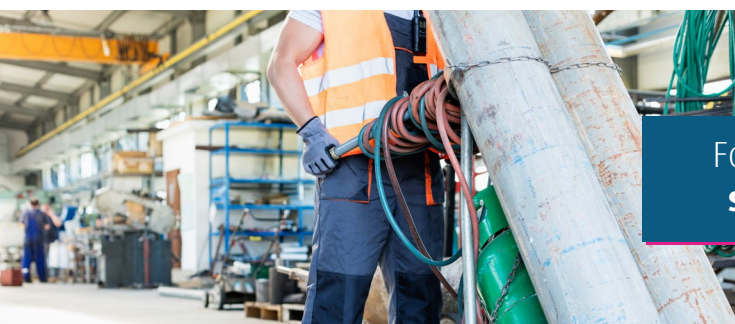
The Smartfill MFU addresses and solves these issues by utilizing a range of market leading features.

Using mass flow technology, the Smartfill MFU is able to provide controlled and accurate filling or topping up of compartments.

With datalogging technology, the Smartfill MFU addresses the fundamental requirements of the T&D market to record how much SF6 has been transferred into compartments giving an understanding of SF6 inventory in the network.

Features

- Portable and fully automated operation
- Easy to use
- Simple operation via set parameters
- Accurate filling precision utilising mass flow technology
- No leakage.... No wastage
- Automatic datalogging for usage transparency and audit
- Smartweigh option for integrated weighing scales
- Wifi connectivity for safe distance/ remote operation
- Variable flow rates for application specific control

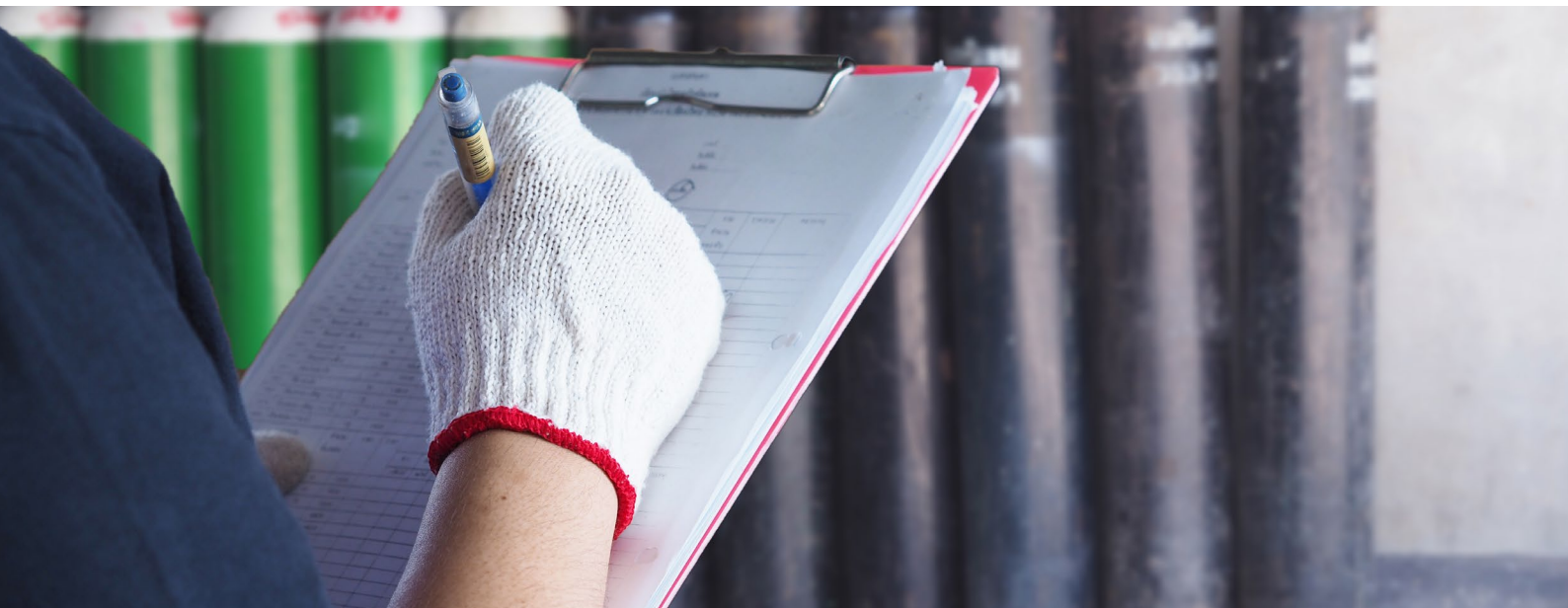


For more information or a demonstration contact sales@emt.global or visit www.emt.global

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Technical Specification

Operation	High flow rate up to 50 Kg/hr – Filling	Safety	Emergency stop – auto shut down
	Low flow rate up to 15 Kg/hr – Topping Up		Hoses
Accuracy	MFC 1% of FS	Certifications	Leak test certificate (He leak test 10^{-4} SCCS)v
	Pressure sensors 0.5 % FS		Calibration certificate Pressure sensors + MFC
	Max inlet pressure : 10 Barg		Pressure test certificate (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	Power Supply	AC power 110/230VAC 50/60Hz
			Battery – 5hrs



For details of your local EMT distributor, for further information on our products or to request a demonstration please contact us:

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