

Smartfill Eco+

emt
Insulating Gas
Analysis & Handling

3 Functions in 1 Multi-Gas Filling & Top-Up System



Smartfill Eco+ utilizes unique technology & IOT connectivity to ensure easy, repeatable and auditable gas filling, topping up and leak management tasks

Building on EMT's tried and tested Smartfill technology, the Smartfill Eco+ futureproofs insulating gas fills, top-ups and gas handling for all insulating gas management needs.

Smartfill Eco+ has the unique capability for handling multiple insulating gas:

- SF6
- CO2
- Dry Air

The robust, easy to use Smartfill Eco+ also relieves the headache of reporting on gas usage and handling through onboard datalogging and/or cloud connectivity.

A screenshot of the Smartfill Eco+ user interface. The screen is titled 'Mode and Gas Select'. It features two rows of buttons. The first row, labeled 'Select Mode', contains three buttons: 'Single TopUp' (blue), 'Continuous TopUp' (blue), and 'Leak Detection' (blue). The second row, labeled 'Select Gas', contains three buttons: 'SF6' (purple), 'DryAir' (light blue), and 'CO2' (yellow). Below the buttons, the text 'Selected Mode: LD' and 'Selected Gas: CO2' is displayed. At the bottom left is a yellow 'Back' button, and at the bottom right is a green 'Next' button.

Features

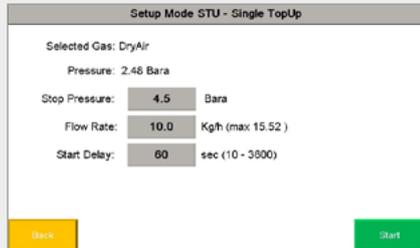
- Portable, easy to use and fully automated operation
- No need for expensive & cumbersome gas carts – fits on the back seat of your vehicle
- Accurate, reliable & safe filling utilizing mass flow control technology
- SF6, Dry Air & CO2 insulating gas compatibility
- Gas used during operations automatically data-logged for reporting and auditing
- Cloud connected for remote access, diagnostics and upgrade
- 24/7 leak management system – no down time
- Enables leak detection in Dry Air insulated equipment
- Smartweigh option for integrated weighing scales

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

Smartfill Eco+ Multi-Gas Filling & Top-Up System

Operating Modes: 3 Functions in 1 System

Function 1: Installation Fill or Single Top-Up Mode



Single Top-up (STU) Mode provides safe, repeatable and auditable fills or top-ups of SF6, CO2 or Dry Air systems without the need for gas carts or weighing scales.

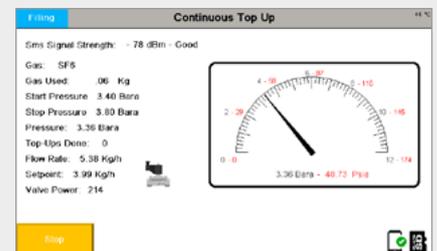
Simply type in the target pressure you want to achieve and press “Start”. The Smartfill Eco+ fills the system and provides a fully auditable report of date, time and amount of gas delivered to reach your desired pressure

Function 2: Leak Management & Continuous Top-Up Mode

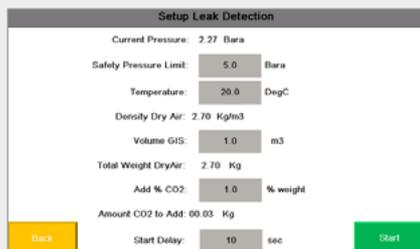
When critical assets leak, the down time and cost associated with multiple visits and top-ups can be huge. The Leak Management Continuous Top-Up Mode in the Smartfill Eco+ solves this issue.

Monitoring your asset pressure 24/7/365, the Smartfill Eco+ delivers gas to the system as it is required automatically in small doses, ensuring 100% up time and reduced insulating gas leakage rates.

Every top-up is recorded providing a traceable report of gas used once the asset is repaired.



Function 3: SmartDose Dry Air Leak Detection



Finding leaks in Dry Air assets is an industry wide issue... now solved using the EMT Smartfill Eco+

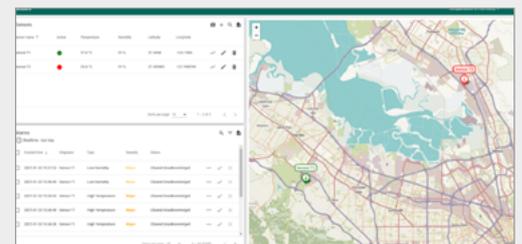
Using SmartDose technology in the Smartfill Eco+, and our new Leak Hunter Pro, the combination of EMT technologies allows for detection of Dry Air leaks as low as 6x10-4 mbar l/s without de-energising the asset

Cloud Reporting & Auditability

EMT Smartfill Eco+ is now IOT connected...

The optional upgrade allows for reporting and real time assessment of the Smartfill Eco+ during its deployment.

Real time access to top-up data, current asset pressure and notifications of system issues ensures maintenance engineers are always informed regarding their asset health over large geographies if required.



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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