

# Zerowaste Rapide Eco+ 4in1 SF6 & Eco Gas Analyser

**emt**  
Experts in ultrafast SF6 gas analysis and handling



The worlds first 4 in 1 analyser for the measurement of SF6, Novec 4710, Novec 5110 and Dry Air insulating gas applications.

Adoption of SF6 alternative gases increases the maintenance & analysis burden on utility staff, requiring multiple analysers to fulfil test and analysis procedures, meaning:

1. **Increased Costs** - increased levels of capital budget to purchase multiple analysers.
2. **Increased Labour** - greater inefficiencies onsite as up to 4 types of analysers are needed to do the work.
3. **Increased Complexity** - additional training & familiarisation required on multiple analysers
4. **Increased Time** - Most analysers need warming up and take 5-10mins per test extending time on site

The EMT Zerowaste Rapide Eco+ solves this problem by fulfilling all measurement requirements in one simple device.

Designed as single portable analyser; the Eco+ can measure:

- SF6 Purity and breakdown gases
- Novec 4710 blends & breakdown gases
- Novec 5110 blends & breakdown gases
- Dry air constituents & moisture

**Built on the existing market leading EMT Rapide+ platform, the Zerowaste Rapide Eco+ provides the following additional features & benefits:**

- 4in1 analyser reducing capital expenditure on multiple analysers
- **UPGRADE** from existing SF6 Rapide+ analysers you already own to include new Eco+ capabilities
- 4x more productivity than using multiple analysers
- Reduced asset requirement, reduced training, reduced cost to utilities
- Low cost of service & calibration; one instrument.... one calibration
- **ULTRAFAST** test capability, results in 1-2 minutes
- Unique 0-10,000ppm CO sensor for heavily degraded Novec gas measurement
- Portable, lightweight & battery powered, with AC power capability
- Compliant to IEC & CIGRE SF6 standards, and pending alternative gas standards
- Utilises EMT's advanced IR sensing technology
- Large multifunction touch screen colour display with NEW Eco+ software
- Easily verify & check calibration with EMT Verify Cal Gas Kits
- Real time moisture/dewpoint graph for all applications



For more information or a demonstration contact [sales@emt.global](mailto:sales@emt.global) or visit [www.emt.global](http://www.emt.global)

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## Technical Specification

SF6 Application		
Gases Measured & Options	Gas	Range
	SF6 Purity	60-100% Vol
	Dewpoint	-60 to +20°C
	HF	0-200ppm
	SO2	0-500ppm
	CF4 (Lo)	0-4000ppm
	CF4 (Hi)	0-60% Vol
	CO	0-1000ppm
	H2S	0-100ppm
	Air (N2)	0-100%

Novec 4710 (C4-FN) Application		
Gases Measured & Options	Gas	Range
	Novec 4710 (C <sub>4</sub> F <sub>7</sub> N)	0-25% Vol
	Dewpoint	-60 to +20°C
	CO2	0-100%
	O2	0-25%
	Air (N2)	0-100%
	CO	0-1000ppm
	CO	0-10,000ppm

Power	Battery Operating Time	>8 Hours can be operated on mains AC
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Novec 5110 (C5-FK) Application		
Gases Measured & Options	Gas	Range
	Novec 5110 (C <sub>5</sub> F <sub>10</sub> O)	0-25% Vol
	Dewpoint	-60 to +20°C
	CO2	0-100%
	O2	0-25%
	Air (N2)	0-100%
	CO	0-1000ppm
	CO	0-10,000ppm

Physical Specification	Weight	17kg (37.5lbs)
	Maximum Dimensions	L500 x W300 x D470 mm (19.11" x 12" x 18.5")

Dry Air Solutions Application		
Gases Measured & Options	Gas	Range
	Dewpoint	-60 to +20°C
	Air (N2)	0-100%
	O2	0-25% Vol
	CO	0-1,000ppm
	CO2	0-100% Vol

Screen	7" Full colour touchscreen with NEW Eco+ operating software	
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Operating Environmental Conditions	Temperature Range	-20°C to +50°C (-4°F to +122°F)
	Humidity	0-95%RH non-condensing



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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