



NEW

aerolyzer

Gas sensor technology in the aviation industry

Certified GSE Tool for operators and line maintenance

aerolyzer aims to facilitate troubleshooting procedures referring to cabin odor reports.

The device's main benefit is to support the rapid detection and discrimination of specific odor root causes. With the help of the **aerolyzer**, it is possible to shorten trouble shooting efforts, thereby reducing manpower and costs significantly.

The **aerolyzer** has been developed in a joint product development between AIRSENSE Analytics and AIRBUS and represents the most cutting edge technology in airborne trace contaminants detection.



in cooperation with



AIRBUS

+ Important features of the **aerolyzer**

- + *Distinguish in real time between Engine/ APU Oil, Deicing, VOC, Hydraulic Fluids & Phtalic Anhydride*
- + *Additional flight case for real-time event detection and recording*
- + *Full compatible to transform the GSE tool into flight mode*



Swift Odor Root Cause Detection

Rapid identification of odor sources in aircraft



Clear HMI Design for Operators

Operator-friendly HM-Interface



Smart Sensor Fusion for Detection

Combines multiple sensors for more reliable detection

AIRBUS TEB_510069_1_I



Made in Germany

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NEW

aerolyzer

Pioneering detection
of trace contaminants
by sensor technology



Technical Data

Product Description

- Smart Sensor Fusion handheld detector
- Detects various oil, deicing and hydraulic fluids
- Offline Data Analysis software

- Temperature range: -30°C ... 50°C (operating), -35°C ... 70°C (storing)

- Internal Data storage 2GB, for 60+ hours of measurement storage

Power Requirements

Main power 11– 20 VDC, 8 Watt
Standard AA battery/accu NIMH
*12 pcs (5 hrs)

Communications

Computer interface USB-C

System Requirements

Operating system Windows
Software aerolyzer Software for documentation and reporting,
CSV Report and PDF report output
Offline Data System and Library management
Basic maintenance operations



Features	Safety Class / Standards	Warranty	Calibration
USB-C Data Transfer	IP65	12 months	every 24 months



1.4 kg/3 lbs
+ Damping 275g
+ battery 440g

Dimensions
L261 x W93/72
x H75 mm

-30°C ... 50°C
Operating
temperature
range

-35°C ... 70°C
storing
temperature
range

2GB
Internal Data
Storage

60+
hours of
measurement
storage



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