

DATASHEET

Number of panel members working concurrently	4 position: 1 o 2 o 3 o 4
Panel interface	Led Ergonomic button
Time for analysis of a sample (EN 13725)	~ 4 min - 2 round* ~ 6 min - 3 round*
Dilution range (yes / no method)	$\sqrt{2}^5$ (1: 5,6) $\sqrt{2}^{33}$ (1: 92.682)
Minimum air supply required	50 l/min - 4 bar
Step of dilution	29 Step of dilution Factor $\sqrt{2}$ (1.4) 14 Step of dilution Factor 2
Dilution accuracy and Instability	$A_d \leq 0.20$ $I_d \leq 5\%$
Analytical recovery of the odorants:	LEO >92% EN 13725:2022 requires > 70%
• H₂S • n-butanol • propanoic acid • dimethyl sulphide	



ARCO SolutionS designs and manufactures scientific instrumentation for odor measurement and management. We partner with laboratories, public bodies, and companies

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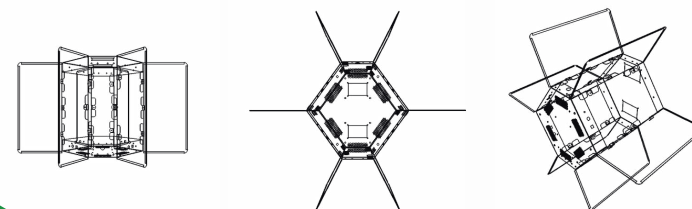
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* STANDARD OPERATING CONDITIONS



Light Evolution Olfactometer



NEW GENERATION OLFACTOMETER

Portable Olfactometer 4 panel port

According to the EN 13725: 2022

Fully automated to operate with
29 dilution steps

Easy to use and maintain

Integrated management on quality
controls (panelists and laboratory)

Dynamic Olfactometer dedicated to
laboratories and on-site activities
(mobile labs)



MADE IN ITALY

*Portable, intuitive, robust and
precise olfactometer*



Complete control of the functions of the
instrument (tests, cleaning, etc.).

Managerial archive of panelists; the
accuracy and repeatability parameters are
calculated for the individual panelist and
the laboratory.

Real-time display of measurements during
the analysis session.

LEO CONTROL SOFTWARE

*The best support for the
management of the olfactometer
and the olfactometry laboratory*

The user interface allows the complete
management of quality controls and
makes available the accuracy and
repeatability parameters that are
automatically recalculated for the
individual panelist and for the
laboratory.



LEO is supplied with a dedicated
notebook with the software already
installed and an additional filter for air
purification.