



Light Evolution 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)



DATASHEET	
Producer	ARCo SolutionS s.r.l.
Weight	35 kg
Dimensions (main body)	45 cm x 45 cm x 50 cm (L x P x H)
Dimensions (body + separators)	106 cm x 106 cm x 50 cm (L x P x H)
Time of administration	By Software
PC interface	USB
Air speed to the panel	from 0,2 to 0,5 m/sec
Response time	< 1 sec
Absorbed power	Max 120 Watt
Maximum calibration interval	12 month (secondo EN 13725)
Warranty	24 month

OLFACTOMETER SPECIFICATIONS

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.

ARCo SolutionS s.r.l. - Ambiente Ricerca COnsulenze e SOLUZIONi Sostenibili s.r.l.

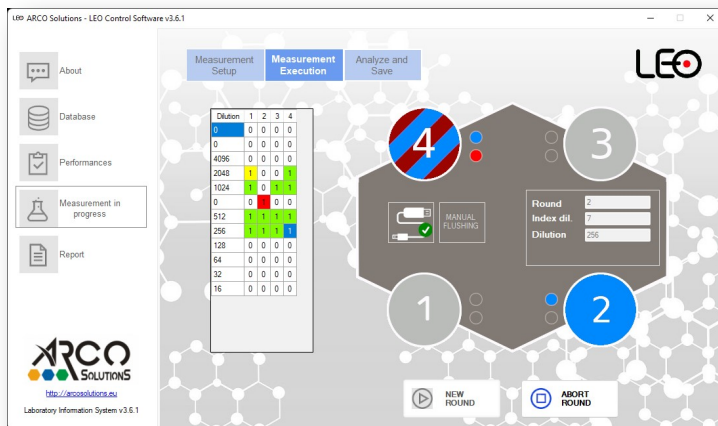
Sede legale:

Via Flavia 23/1, 34148 Trieste c/o BIC Incubatori FVG Tel.: (+39) 040 8992433 E-mail: info@arcosolutions.eu

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 per 2 round* ~ 6 min per 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 a 4 bar
Step of dilution	29 Step of dilution - Factor $\sqrt{2}$ (1.4) 14 Step of dilution - Factor 2
Precisione di diluizione	< 5%
Analytical recovery of the odorants	>92% (EN 13725:2022 > 70%)
<ul style="list-style-type: none"> • H2S • n-butanol • propanoic acid • dimethyl sulphide 	

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

EASY TO USE!!!



Contatti:

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