

LEOSMAK · LIGHT COMMERCIAL

LEO-010L

Up to 15 kg per batch capacity. The LEO-010L Compact Freeze Dryer is a high-capacity freeze-drying solution tailored for commercial use, offering professional-grade performance, remote monitoring, and energy-efficient operation.



BATCH CAPACITY

15 kg

AVG. ENERGY USE

1.4 kWh / h

SHELF AREA

1.3 m²

APPLICATIONS

Freeze-Drying for Fruits & Vegetables

Freeze-Dryers for Pet Food Production

CE marked

Built in EU

Why choose the LEO-010L

- ✓ **Continuous small-batch production** — the washable, low-maintenance LEO for producers running back-to-back cycles.
- ✓ **Up to 15 kg per batch** — higher-capacity continuous runs.
- ✓ **Freezes in the chamber, washes down** — radiant freezing and heating with no electrical components inside the chamber — safe pressure-wash cleaning and a low-maintenance pump with fewer oil changes.
- ✓ **Connected & built for uptime** — LCD touchscreen, Wi-Fi app, notifications and OTA updates, delayed-start scheduling, automatic defrost and drainage. Runs continuously without performance loss.

CAPACITY & OUTPUT

Batch capacity (fresh load)	15 kg
Ice condenser capacity	18 kg
Total shelf area	1.3 m²
Number of shelves	7
Number of trays	7
Tray size	GN 1/1, 2 cm

PROCESS & CYCLE

Shelf temperature range	-40 to +70 °C
Min. condenser temperature	-40 °C
Defrosting	Automatic (≈3 h)
Defrost time	3 h

VACUUM & REFRIGERATION

Vacuum pump type	Oil-sealed (oil-free option)
Refrigeration type	Air-cooled
Refrigerant	R-452B

CONTROL & MONITORING

Control system	LCD touchscreen + Wi-Fi
Menu language	English
Data logging & recipes	Wi-Fi app monitoring
Remote monitoring	Yes

BUILD

Chamber material	AISI 304 stainless steel
Shelf material	Stainless steel
Body color options	Jet Black, Traffic White, Stainless Steel, Other RAL

POWER & FOOTPRINT

Power supply	220-240 V / 1~ / 50 Hz
Connected load	3.5 kW
Energy consumption (avg)	1.4 kWh/h
External dimensions (W × D × H)	600 × 950 × 1010 mm
Net weight	168 kg

WARRANTY & SERVICE

Warranty	24 months (extendable to 36)
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Recommended accessories

8× Stainless steel tray GN 1/1 20 mm for LEO-010L Fits: LEO-010L

AMARU Mineral oil for vacuum pump 10 L Fits: All

AMARU Mineral oil for vacuum pump 20 L Fits: All

AMARU Viktor – Ozone decontaminator

Stainless steel tray GN 1/1 20 mm Fits: LEO-010, LEO-010L, LEO-030, LEO-030L

More accessories are available in our online store — follow the QR code.



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Scan for live specifications, current pricing and to request a quotation.