

EXPERTS IN LYOPHILIZATION SOLUTIONS

The **Lio Freeze Dryer** uses sublimation to efficiently remove moisture from cannabis flowers, extracts, and bubble hash. This advanced freeze-drying process preserves the full profile of **terpenes and cannabinoids, protects product integrity, and prevents oxidation**, resulting in premium-quality cannabis with long-lasting aroma and potency.

Whether you're drying fresh cannabis flowers or processing bubble hash, **optimize your drying process with our LIO Freeze Dryers!**

Technical specifications

- Multiple standard sizes available
- EU-manufactured with CE certification
- Spare parts available
- All-in-one design: plug & play operation
- Isolated stainless steel drying chamber
- Oil pump or scroll pump options
- Fully automated and manual operation modes
- Energy-efficient with low power consumption
- Presaved drying profiles for flowers and bubble hash
- Up to 10 customizable recipes
- High temperature and pressure precision
- Easy to maintain and operate



LIO FREEZE DRYER

HIGH PERFORMANCE & EASY INTEGRATION

With precise control over temperature and pressure, they deliver consistent, high-performance results that improve product quality, **maximize profitability**, and significantly reduce curing times.

Freeze dryers in bubble hash production

Traditional drying methods expose your product to air, light, and inconsistent temperatures, degrading both flavor and quality. With the **Lio Freeze Dryer**, moisture is removed rapidly and gently, preserving the hash's **cannabinoid and terpene content** while maintaining ideal texture and color. The result is a **cleaner, more potent, and longer-lasting hash** with higher market value.

Easy to use and with a reliable technology, it ensures maximum drying efficiency



BENEFITS



- **Preserves terpenes and cannabinoids:** No oxidation, no potency loss.
- **Faster drying:** Cuts drying and curing time by up to 60%.
- **Superior appearance and aroma:** Maintains natural color and structure.
- **Protects product quality:** Minimizes contamination risk and mold growth.
- **Extended shelf life:** Ideal for long-term storage of hash or flowers.

LIO FREEZE DRYER

DIFFERENT SIZES ACCORDING TO YOUR NEEDS

4 different models in various sizes to suit a range of needs, from individuals with personal requirements to small business and large-scale companies:

- LIO 40
- LIO 70
- LIO 140
- LIO 280



	LIO 40	LIO 70	LIO 140	LIO 280
Dimensions (mm)	550 x 940 x 600	700 x 1100 x 600	800 x 1100 x 800	900 x 1230 x 950
Tray dimensions	200 x 480 mm	280 x 480 mm	340 x 520 mm	410 x 420 mm
Total tray surface	0,55 m2	1,2 m2	2 m2	4,1 m2
N° trays	1-6	1-9	1-12	2-12
Weight	68 Kg	97 Kg	124 Kg	280 Kg
Condenser temperature	Up to -50°	Up to -50°	Up to -50°	Up to -50°
Power consumption	5 A	5,9 A	10,4 A	8 A
Max. connection power	1ph, 230 VAC, 1350 W	1ph, 230 VAC, 1450 W	1ph, 230 VAC, 2850 W	1ph, 230 VAC, 6700 W
Technical support	Yes	Yes	Yes	Yes