LYOTRADE · COMMERCIAL

AMARU 7 Double

Up to 30 kg per batch in two stacked, independent chambers on a 1.5 m² footprint. Each chamber has its own Pfeiffer pump and automatic cycle, with 36 recipe slots and a 12-month warranty, extendable by a further 12 months.



BATCH CAPACITY	AVG. ENERGY USE	SHELF AREA
30 kg	2.25 kWh / h	2.2 m²

APPLICATIONS: Freeze-Dryers for Herbs, Spices and Microgreens · Freeze-Dryers for Fruit and Vegetables · Freeze Dryers for Candy and Confectionery · Freeze-Drying for Ready Meals & Snacks

CE marked · Built in EU

Why choose the AMARU 7 Double

- **The largest AMARU**: two stacked AMARU 7 units on one 1.5 m² footprint, for high-volume production of light, bulky products.
- **Two chambers, two programmes**: run separate cycles at the same time, or stagger them to cut idle time. Each has its own Pfeiffer pump and automatic cycle.
- **Up to 30 kg per batch**: two independent chambers, 14 trays, 2.2 m² of tray area, 3.5 cm spacing, 1.5 m² footprint.
- **Running cost and options**: about 54 kWh per 24 h for both units, defrost in under 30 minutes per chamber, menu in five languages. Options: Deheater and the Viktor ozone decontaminator.

CAPACITY & OUTPUT

Batch capacity (fresh load)	**30 kg**
Ice condenser capacity	**30 kg**
Total shelf area	**2.2 m²**
Shelves	**14**
Trays	**14**
Shelf spacing	**35 mm**
Tray size	**33 × 49 × 2 cm**

PROCESS & CYCLE

Shelf temperature range	**Automatic cycle (no shelf setpoint) °C**
Min. condenser temperature	**-40 °C**
Defrosting	**Automatic (≈25 min)**
Defrost time	**25 min**

VACUUM & REFRIGERATION

Vacuum pump type	**Oil-sealed rotary vane (new Pfeiffer)**
Refrigeration type	**Air-cooled**

CONTROL & MONITORING

Control system	**4.3" touchscreen**
Menu language	**En, es, pt, de, cz (more languages on request)**
Data logging & recipes	**36 recipe slots; no data logging**
Remote monitoring	**No**

BUILD

Chamber material	**AISI 304 stainless steel**
Shelf material	**Stainless steel**
Body color options	**Ruby Red (powder-coated)**

POWER & FOOTPRINT

Power supply	**2×230 V / 1~ / 50 Hz**
Connected load	**6 kW**
Energy consumption (avg)	**2.25 kWh/h**
External dimensions (W × D × H)	**1220 × 795 × 2200 mm**
Net weight	**approx. 355 kg**

WARRANTY & SERVICE

Warranty	**12 months (extendable by a further 12 months)**

Recommended accessories

AMARU Deheater	Fits: AMARU 5, AMARU 7, AMARU 5 Double and AMARU 7 Double
AMARU High Base Stand	Fits: all AMARU models
AMARU Low Base Stand	Fits: all AMARU models
AMARU Mineral oil for vacuum pump 10 L	Fits: all models
AMARU Mineral oil for vacuum pump 20 L	Fits: all models

More accessories in our online store: scan the QR code.

+34 614 332 324 team@freeze-drying.tech freeze-drying.tech

Scan for current specifications and prices, or to request a quotation.

Specifications are provided by the manufacturer and are subject to change without notice. Figures are for planning purposes; confirmed values are provided per quotation. Metric units.