LYOTRADE · LIGHT COMMERCIAL

AMARU 7 Lite

Up to 15 kg per batch in the same chamber and 7-tray system as the AMARU 7, with a refurbished Pfeiffer pump and manual vacuum release. Fully automatic drying cycle, defrost in about 25 minutes.



BATCH CAPACITY	AVG. ENERGY USE	SHELF AREA
15 kg	1.13 kWh / h	1.1 m²

APPLICATIONS Freeze-Dryers for Herbs, Spices and Microgreens · Freeze-Dryers for Fruit and Vegetables · Freeze-Drying for Coffee & Tea

CE marked · Built in EU

Why choose the AMARU 7 Lite

- **The AMARU 7 at a lower price**: more throughput for early-stage producers who want the AMARU cycle without the full investment.
- **Same drying, fewer extras**: identical capacity and results. A refurbished Pfeiffer pump replaces the new one, vacuum release is manual, and there is no ISO valve or Deheater compatibility. Light ivory finish.
- **Up to 15 kg per batch**: same chamber and 7 trays as the AMARU 7.
- **Simple to run**: about 27 kWh per 24 h, defrost in under 30 minutes, 4.3" touchscreen. All other AMARU accessories fit.

CAPACITY & OUTPUT

Batch capacity (fresh load)	**15 kg**
Ice condenser capacity	**15 kg**
Total shelf area	**1.1 m²**
Shelves	**7**
Trays	**7**
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 (refurbished 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	**Light Ivory (zinc-coated panels)**

POWER & FOOTPRINT

Power supply	**230 V / 1~ / 50 Hz**
Connected load	**3 kW**
Energy consumption (avg)	**1.13 kWh/h**
External dimensions (W × D × H)	**1220 × 795 × 840 mm**
Net weight	**approx. 175 kg**

WARRANTY & SERVICE

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

Recommended accessories

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
AMARU Production tray 33×49×2 cm	Fits: all AMARU models

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

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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.