



LLS QUICK VIEW · YAMATO SCIENTIFIC

Freeze Dryer with 12-Port Flask Chamber & Dry Flasks

SKU DC-401A · Cold Storage · Freeze Dryers

The Yamato DC-401A is the DC401 benchtop freeze dryer configured with a 12-port flask-mounting chamber and five 120 mL dry flasks — a ready-to-run



TECHNICAL SPECIFICATIONS

BASE MODEL

Yamato DC401

VACUUM PUMP

Required, not included (≥ 50 L/min, ultimate 1×10^{-1} Pa...

VOLTAGE / POWER

Configured to order (base rated AC100V, 6 A; confirm...

DEHUMIDIFYING CAPACITY

Max. 0.6 kg

USABLE AMBIENT TEMPERATURE

5 to 30°C

DRY FLASKS

120 mL × 5 pcs, straight glass joint & cap

CONFIGURATION

DC401 + 12-port flask-mounting chamber (code 212560) + 5...

EXTERNAL DIMENSIONS (MAIN UNIT)

W340 × D450 × H720 mm

REFRIGERANT

R404A, 225 g

REFRIGERATOR

Air-cooling type, 400 W

PRESSURE INDICATION

Pirani gauge

LOWEST REACHED TEMPERATURE

-45°C (trap)

TIME TO REACH LOWEST TEMPERATURE

50 min (20°C → -45°C, no load)

TRAP CHAMBER

SUS304, cylindrical, $\varnothing 153 \times H235$ mm (~4 L)

WEIGHT (MAIN UNIT)

Approx. 43 kg

FLASK CHAMBER

12 ports, mounting cock I.D. 18.5 mm, pitch 96 mm, $\varnothing 195 \times \dots$

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