



LLS QUICK VIEW · YAMATO SCIENTIFIC

Natural Convection Oven 28 L, 220 V

SKU DX-312C · Thermal Processing · Natural Convection Ovens

The Yamato DX-312C is the 220 V, 28 L bench-top model of the DX natural-convection drying-oven family, a constant-temperature gravity-convection oven



TECHNICAL SPECIFICATIONS

VOLTAGE

220 V, 50/60 Hz (export variant of the 100 V base model)

EXTERNAL DIMENSIONS

400 × 440 × 630 mm

TYPE

Natural-convection constant-temperature drying oven

SENSOR

K-thermocouple

INCLUDED

2 shelves (15 kg/shelf load), instruction manual...

CONTROL SYSTEM

PID heater control by microcomputer

TEMPERATURE CONTROL ACCURACY

±1°C (at 300°C, exhaust port fully open)

EXHAUST PORT

Rotating damper, avg. 20 % opening when closed

TEMP RANGE

40-300°C

INTERNAL DIMENSIONS

300 × 310 × 300 mm

HEATER

Iron-chrome heater, 0.9 kW

WEIGHT

Approx. 23 kg

OPERATION MODES

Fixed temperature, quick auto-stop, auto-stop, auto-start

TEMPERATURE RISE TIME

Approx. 45 min (ambient to 300°C)

TEMPERATURE DISTRIBUTION ACCURACY

±10°C (at 300°C, exhaust port fully open)

CHAMBER VOLUME

28 L

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