



LLS QUICK VIEW · YAMATO SCIENTIFIC

High Temperature Natural Convection Oven 13.75 L, 115 V

SKU DR-201-115V · Thermal Processing · Natural Convection Ovens



TECHNICAL SPECIFICATIONS

VOLTAGE

AC115V, 11.5 A, 50/60 Hz (with plug)

EXTERNAL DIMENSIONS

520 × 443 × 612 mm (protrusions excluded)

HEATER

Iron-chrome wire heater, 1.3 kW

WEIGHT

~36 kg

OPERATION MODES

Fixed temp, program, program auto-start, auto-start...

TEMPERATURE CONTROL ACCURACY

±5°C (at 700°C)

SYSTEM

Natural convection

CHAMBER CAPACITY

13.75 L

TEMP RANGE

300-700°C

INTERNAL DIMENSIONS

250 × 250 × 220 mm

SENSOR

K-thermocouple (W sensor)

INCLUDED

2 perforated stainless shelf plates

TEMPERATURE RISE TIME

~70 min (room temp +5°C to 700°C)

TEMPERATURE DISTRIBUTION ACCURACY

±25°C (at 700°C)

CONTROLLER

PID control by microcomputer

DISPLAY

Green 4-digit LED (reading), red 4-digit LED (setting)

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