



LLS QUICK VIEW · YAMATO SCIENTIFIC

High Performance Muffle Furnace 7.5 L , 115V

SKU FP-303 · Thermal Processing · Muffle Furnaces

The Yamato FP-303 is a 7.5 L high-performance muffle furnace reaching 1150 °C with ± 1.5 °C control accuracy at top temperature — tighter than the



TECHNICAL SPECIFICATIONS

VOLTAGE

115V, 50/60 Hz (base FP300: 100V AC single phase, 26 A)

EXTERNAL DIMENSIONS

446 × 505 × 566 mm (W×D×H)

HEATER

Pyromax, 2.4 kW nominal

WEIGHT

Approx. 42 kg

CLASS / TIER

Capital — high-temperature furnace / Tier 1

SAFETY DEVICES

Earth-leakage breaker, thermal fuse, independent...

SETTING / DISPLAY

Digital setting by jog dial; green-LED display...

OPERATION FUNCTIONS

Fixed temp, auto-start, auto-stop, program (max. 16...

TEMP RANGE

100 to 1150 °C

INTERNAL DIMENSIONS

200 × 250 × 150 mm (W×D×H)

SENSOR

R thermocouple (W sensor)

COOLING FAN

Condenser motor, 14 W

CONTROL SYSTEM

PID control by microcomputer

MODEL / CAPACITY

Yamato FP300 (FP-303) — approx. 7.5 L

ADJUSTMENT ACCURACY

± 1.5 °C (at 1150 °C)

ADDITIONAL FUNCTIONS

Timer, clock, total operating-hours counter (max. 49999...

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