



LLS QUICK VIEW · YAMATO SCIENTIFIC

Muffle Furnace with Communication Port 17.5 L, 220V

SKU FO-611CR · Thermal Processing · Muffle Furnaces

The Yamato FO-611CR is a 17.5 L muffle furnace reaching 1150 °C with ± 2 °C control accuracy at top temperature, on a low-mass ceramic-fiber chamber



TECHNICAL SPECIFICATIONS

VOLTAGE

220V AC single phase, 50/60 Hz (base FO610: 200V, 16 A)

EXTERNAL DIMENSIONS

506 × 605 × 676 mm (W×D×H)

HEATER

Iron-chrome wire (Kanthal AF), 2.5 kW

WEIGHT

Approx. 52 kg

CLASS / TIER

Capital — high-temperature furnace / Tier 2

SAFETY DEVICES

Earth-leakage/circuit breaker, thermal fuse...

SETTING / DISPLAY

Digital setting; digital display

OPERATION FUNCTIONS

Fixed temperature; timer (auto-stop, auto-start); program...

TEMP RANGE

100 to 1150 °C

INTERNAL DIMENSIONS

250 × 350 × 200 mm (W×D×H)

SENSOR

R thermocouple (W sensor)

COOLING FAN

Axial fan motor

CONTROL SYSTEM

PID control by VS4 controller

MODEL / CAPACITY

Yamato FO610 (FO-611CR, comm-port gen) — approx. 17.5 L

ADJUSTMENT ACCURACY

± 2 °C (at 1150 °C)

ADDITIONAL FUNCTIONS

Lock function; auto recovery after power failure...

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