



LLS QUICK VIEW · YAMATO SCIENTIFIC

Muffle Furnace with Communication Port 30 L , 220V

SKU FO-811CR · Thermal Processing · Muffle Furnaces

The Yamato FO-811CR is the largest FO-series muffle furnace at 30 L, reaching 1150 °C with ± 2 °C control accuracy at top temperature on a low-mass



TECHNICAL SPECIFICATIONS

VOLTAGE

220V AC single phase, 50/60 Hz (base FO810: 200V, 21 A)

EXTERNAL DIMENSIONS

506 × 655 × 726 mm (W×D×H)

HEATER

Iron-chrome wire (Kanthal AF), 4.0 kW

WEIGHT

Approx. 62 kg

CLASS / TIER

Capital — high-temperature furnace / Tier 1

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

300 × 400 × 250 mm (W×D×H)

SENSOR

R thermocouple (W sensor)

COOLING FAN

Axial fan motor

CONTROL SYSTEM

PID control by VS4 controller

MODEL / CAPACITY

Yamato FO810 (FO-811CR, comm-port gen) — approx. 30 L

ADJUSTMENT ACCURACY

± 2 °C (at 1150 °C)

ADDITIONAL FUNCTIONS

Lock function; auto recovery after power failure...

Distributed by Legacy Lab Supplies

legacylabsupplies.com · (855) 746-7557 / 855-SHOP-LLS · quotes in 24 hours

