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## Muffle Furnace with Communication Port 11.3 L, 220V

SKU FO-511CR · Thermal Processing · Muffle Furnaces

The Yamato FO-511CR is an 11.3 L benchtop muffle furnace reaching 1150 °C with  $\pm 2$  °C control accuracy at top temperature, on a low-mass ceramic-fiber



### TECHNICAL SPECIFICATIONS

#### VOLTAGE

220V AC single phase, 50/60 Hz (base FO510: 200V, 13.5 A)

#### EXTERNAL DIMENSIONS

506 × 505 × 626 mm (W×D×H)

#### HEATER

Iron-chrome wire (Kanthal AF), 2.2 kW

#### WEIGHT

Approx. 44 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

300 × 250 × 150 mm (W×D×H)

#### SENSOR

R thermocouple (W sensor)

#### COOLING FAN

Axial fan motor

#### CONTROL SYSTEM

PID control by VS4 controller

#### MODEL / CAPACITY

Yamato FO510 (FO-511CR, comm-port gen) — approx. 11.3 L

#### ADJUSTMENT ACCURACY

$\pm 2$  °C (at 1150 °C)

#### ADDITIONAL FUNCTIONS

Lock function; auto recovery after power failure...

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