



LLS QUICK VIEW · YAMATO SCIENTIFIC

High-Pressure Steam Sterilizer with Dryer 51 L, 115V

SKU SM-501 · Thermal Processing · Sterilizers & Autoclaves

The Yamato SM-501 is the 115V variant of Yamato's largest benchtop-class automatic high-pressure steam sterilizer with a drying stage (SM510 class),



TECHNICAL SPECIFICATIONS

VOLTAGE

115V (base SM510 itemized at AC220V 11A; confirm 115V...)

TIMER

1 min – 99 h 59 min / 100–999 h

SAFETY

Main short-circuit protection, safety-valve overpressure...

BASE MODEL

Yamato SM510 (115V variant)

HEATER 2 (DRY)

1.5 kW (base SM510 rating; confirm at 115V)

WATER REQUIREMENT

2800–3000 mL (distilled water)

SENSOR 2 (WATER TEMP.)

Type-T thermocouple

MAX. OPERATING PRESSURE

0.2 MPa (29.0 psi)

EXTERNAL DIMENSIONS

44 × 53 × 108.5 cm

WEIGHT

85 kg (187.4 lb)

SYSTEM

Automatic high-pressure steam sterilizer with dryer

CONTROLLER

Hi Tec IV CR microprocessor type

CHAMBER CAPACITY

51 L (1.8 cu ft)

HEATER 1 (STERILIZE)

2.0 kW (base SM510 rating; confirm at 115V)

CHAMBER (DIA. × DEPTH)

30 cm × 66.5 cm

DRYING TEMPERATURE RANGE

150–180°C

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