



LLS QUICK VIEW · YAMATO SCIENTIFIC

Oil Bath 1 L Stainless Steel, 115V

SKU BOS-100 · Thermal Processing · Temperature Control Baths

The BOS-100 is a Yamato synthetic-chemistry oil bath with a solid stainless-steel bath chosen for good temperature stability and durability.



TECHNICAL SPECIFICATIONS

TEMP RANGE

Room temp. +5°C to 250°C

TYPE

Oil bath, stainless steel, remote PID controller

WEIGHT

~3.0 kg total (bath + heater + controller)

VOLTAGE / POWER

115V, 50/60 Hz, 3.5 A (220V sibling = BOS-110)

BATH CAPACITY

Recommended (no load) ~0.8 L; maximum ~1.0 L

INTERNAL BATH DIMENSIONS

~140 × 100 mm

EXTERNAL DIMENSIONS

~155 × 210 × 140 mm (bath); controller 150 × 90 × 45 mm

HEATER

Stainless-steel tube heater, 310 W

CONTROL SYSTEM

PID control, Pt100Ω sensor, digital display set (1 °C units)

TEMPERATURE ACCURACY

±0.3°C (at 200°C, when stirring)

TEMPERATURE SETTING RANGE

0°C to 260°C

LIST PRICE

\$1,310.00

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