Colo Science
Laboratory & Scientific Equipment

COLO.SCIENCE · TECHNICAL SPECIFICATION

PURUS62 Large Thermostatic Water Bath

RT+5 to 100 °C · 62 L stainless steel tank 620 × 500 × 200 mm · U-shaped heater in water · PID controller

PURUS62 is a large-capacity thermostatic water bath for big racks, flasks and bottles. The 62 L deep-drawn stainless steel tank is heated directly by a U-shaped stainless steel heater in the water, so the bath warms up quickly with little heat loss. A PID controller with set and actual value display keeps the temperature from RT+5 °C to 100 °C.

RT+5 TO 100 °C | ±0.5 °C STABILITY | 62 L TANK | 620 × 500 × 200 MM | U-SHAPED HEATER | PID CONTROL | STAINLESS STEEL LID | 2.85 KW

Document type: **Technical Specification Sheet**
Product: **PURUS62 large thermostatic water bath**
Order code (SKU): **PRO8256**
Format: **A4 landscape · CORE-TECHSPEC 1.2**

PURUS62 PRODUCT PAGE | HEATING & THERMAL PROCESSING | HEATING CATALOGUE | REQUEST QUOTE

Order code

HEATING ONLY
PURUS62 · PRO8256
RT+5 to 100 °C · 62 L



PURUS62 · 62 L stainless steel tank, shown with lid

VOLUME
62 L

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PURUS62 · technical specification

RT+5 to 100 °C · 62 L stainless steel tank 620 × 500 × 200 mm · U-shaped heater in water · PID controller

RT+5–100 °C | 62 L | PID | STAINLESS STEEL | LID — **Large-capacity water bath for big racks and bottles**

Product Overview

Application profile

Large racks: tube racks, blood bags and many samples at once at one temperature.

Bottles and flasks: warming media, reagents and buffers in large containers.

Thawing and melting: plasma, frozen samples, agar and media.

General lab heating: constant-temperature incubation and heating of samples up to 100 °C.

Key features

Large tank: 62 L deep-drawn stainless steel tank, 620 × 500 × 200 mm, rounded corners for easy cleaning.

Fast heating: U-shaped stainless steel heater directly in the water — quick temperature rise, small heat loss.

Control: PID controller with two displays (actual PV and set SV value), auto-tuning and alarm indication.

Temperature: RT+5 °C to 100 °C; stability ±0.5 °C; control accuracy ≤ ±1 °C.

Lid: stainless steel lid with handles reduces evaporation and heat loss.

Housing: steel plate with electrostatic powder coating — sturdy and durable.

Tray: perforated stainless steel tray over the heater; drain outlet on the side.

Core technical summary

Parameter	Specification
Model	PURUS62
Temperature range	RT+5 to 100 °C
Stability	±0.5 °C
Control accuracy	≤ ±1 °C
Tank volume	62 L
Tank W × D × H	620 × 500 × 200 mm
Exterior W × D × H	681 × 560 × 301 mm
Supply	220 V, 50 Hz, 2.85 kW



62 L stainless steel tank with perforated tray

TEMPERATURE	STABILITY	TANK	POWER
RT+5 to 100 °C	±0.5 °C	62 L	2.85 kW

RT = room temperature. Values measured with water, without load. Suitability for a specific method is confirmed in the COLO.Science quotation.

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Model data · PURUS62

Parameter	PURUS62
Order code (SKU)	PRO8256
Tank volume	62 L
Tank size W × D × H	620 × 500 × 200 mm
Exterior W × D × H	681 × 560 × 301 mm
Packing W × D × H	781 × 658 × 382 mm
Weight net / gross	15 / 20 kg

Technical Specifications

Temperature and control	Value
Temperature range	RT+5 to 100 °C
Stability	±0.5 °C
Control accuracy	≤ ±1 °C
Display deviation	≤ ±2.5 °C
Control	PID, auto-tuning
Display	LED, actual (PV) and set (SV) value
Indicators	run, output, auto-tune, alarm

Construction and supply	Value
Tank	deep-drawn stainless steel, rounded corners
Lid	stainless steel, with handles
Heater	U-shaped stainless steel tube, in water
Tray	perforated stainless steel
Housing	steel plate, electrostatic powder coating
Drain	side outlet
Supply	220 V, 50 Hz, 2.85 kW



PID controller · actual (PV) and set (SV) value, power and outlet switches



Stainless steel lid with handle reduces evaporation

Values measured with water, without load, at room temperature. Dimensions W × D × H. Fill the tank above the heater and tray before switching on the heating.

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Ordering, Configuration Guidance and Support



U-shaped stainless steel heater directly in the water

Ordering information

Item	SKU
PURUS62 · large thermostatic water bath, 62 L	PRO8256
Standard: stainless steel lid, perforated tray	included
Racks for tubes and flasks	on request

Configuration checklist

Load: racks, bottles or bags per run → tray and racks.

Temperature: working temperature and time per run.

Water: distilled or deionised water; level above the heater and tray.

Room: level bench for 681 × 560 mm, earthed 220 V / 16 A socket (2.85 kW), drain for the outlet.

SUPPLIER AND SUPPORT

COLO Lab Experts

Polje ob Sotli 4, SI-3255, Slovenia

Selection guidance: Send what you heat, the racks or containers per run and the temperature. COLO.Science will confirm the configuration and the delivery time.

QUICK CONTACT

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Ask us:
Price and current discount, delivery time, installation and service — write to sales@colo.si or call us.

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