Colo Science
Laboratory & Scientific Equipment

COLO.SCIENCE · TECHNICAL SPECIFICATION

ODRA1 Thermostatic Water Bath

RT+5 to 100 °C · single hole · 3.4 L stainless steel tank 150 × 135 × 150 mm · PID controller

ODRA1 is a compact single-hole thermostatic water bath for one beaker, flask or tube rack. The 3.4 L stainless steel tank is heated by a U-shaped heater directly in the water, and a PID controller with set and actual value display keeps the temperature from RT+5 °C to 100 °C. A lid with concentric rings fits vessels of different sizes.

RT+5 TO 100 °C | 0.1 °C RESOLUTION | SINGLE HOLE | 3.4 L TANK | U-SHAPED HEATER | PID CONTROL | LID WITH RINGS | 400 W

Document type: **Technical Specification Sheet**
Product: **ODRA1 thermostatic water bath**
Order code (SKU): **PRO2964**
Format: **A4 landscape · CORE-TECHSPEC 1.2**

ODRA1 PRODUCT PAGE | HEATING & THERMAL PROCESSING | HEATING CATALOGUE | REQUEST QUOTE

Order code

SINGLE HOLE
ODRA1 · PRO2964
RT+5 to 100 °C · 3.4 L



ODRA1 · 3.4 L stainless steel tank, lid with concentric rings

VOLUME
3.4 L

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Technical data sheet · Informational document · Controlled electronic document
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ODRA1 · technical specification

RT+5 to 100 °C · single hole · 3.4 L stainless steel tank 150 × 135 × 150 mm · PID controller

RT+5–100 °C | 3.4 L | 1 HOLE | PID | STAINLESS STEEL — Compact single-hole water bath

Product Overview

Application profile

Single vessel: one beaker, flask or bottle at a set temperature.

Tubes: a small tube rack in the water for tube incubation.

Warming and thawing: reagents, media and samples before use.

Teaching and QC: simple constant-temperature steps on a small bench footprint.

Key features

Tank: 3.4 L stainless steel tank, 150 × 135 × 150 mm, deep-drawn with rounded corners.

Heating: U-shaped stainless steel heater directly in the water, 400 W.

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

Temperature: RT+5 °C to 100 °C, resolution 0.1 °C.

Lid: stainless steel lid with concentric rings — the opening adapts to the vessel size.

Rack: small stainless steel tube rack and ring holder plate for the opening.

Housing: white powder-coated steel, compact single-hole design.

Core technical summary

Parameter	Specification
Model	ODRA1
Temperature range	RT+5 to 100 °C
Resolution	0.1 °C
Holes	1
Tank volume	3.4 L
Tank W × D × H	150 × 135 × 150 mm
Control	PID, PV / SV display
Supply	220 V, 50 Hz, 400 W



Lid with concentric rings, ring holder and tube rack

TEMPERATURE
RT+5 to 100 °C

RESOLUTION
0.1 °C

TANK
3.4 L

POWER
400 W

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 · ODRA1

Parameter	ODRA1
Order code (SKU)	PRO2964
Holes	1
Tank volume	3.4 L
Tank size W × D × H	150 × 135 × 150 mm
Packing W × D × H	260 × 250 × 250 mm
Weight	3 kg

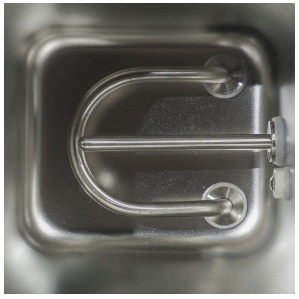
Technical Specifications

Temperature and control	Value
Temperature range	RT+5 to 100 °C
Resolution	0.1 °C
Stability	±0.5 °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
Heater	U-shaped stainless steel tube, in water
Lid	stainless steel, concentric rings
Accessories	ring holder plate, tube rack
Housing	steel, powder coated
Supply	220 V, 50 Hz, 400 W



PID controller · actual (PV) and set (SV) value



U-shaped stainless steel heater directly in the water

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

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Ordering, Configuration Guidance and Support



ODRA1 · compact single-hole water bath

Ordering information

Item	SKU
ODRA1 · thermostatic water bath, 1 hole, 3.4 L	PRO2964
Standard: lid with concentric rings, ring holder, tube rack	included
Larger baths with 2, 4 or 6 holes	on request

Configuration checklist

Vessel: beaker, flask or tubes per run → rings or tube rack.

Temperature: working temperature and time per run.

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

Room: small bench space, earthed 220 V socket.

SUPPLIER AND SUPPORT

COLO Lab Experts

Polje ob Sotli 4, SI-3255, Slovenia

Selection guidance: Send what you heat, the vessel 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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