Colo Science
Laboratory & Scientific Equipment

COLO.SCIENCE · TECHNICAL SPECIFICATION

ODRA42 Thermostatic Water Bath

RT+5 to 100 °C · 4 holes in two rows · 14.6 L stainless steel tank 325 × 300 × 150 mm · PID controller

ODRA42 is a thermostatic water bath with four holes in two rows, for up to four beakers or flasks at the same temperature. The 14.6 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. Each hole has concentric rings for vessels of different sizes.

RT+5 TO 100 °C | 0.1 °C RESOLUTION | 4 HOLES | 14.6 L TANK | U-SHAPED HEATER | PID CONTROL | LID WITH RINGS | 1000 W

Document type: **Technical Specification Sheet**
Product: **ODRA42 thermostatic water bath**
Order code (SKU): **PRO2966**
Format: **A4 landscape · CORE-TECHSPEC 1.2**

ODRA42 PRODUCT PAGE | HEATING & THERMAL PROCESSING | HEATING CATALOGUE | REQUEST QUOTE

Order code

FOUR HOLES
ODRA42 · PRO2966
RT+5 to 100 °C · 14.6 L



ODRA42 · 14.6 L stainless steel tank, lid with four holes and rings

VOLUME
14.6 L

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ODRA42 · technical specification

RT+5 to 100 °C · 4 holes in two rows · 14.6 L stainless steel tank 325 × 300 × 150 mm · PID controller

RT+5–100 °C | 14.6 L | 4 HOLES | PID | STAINLESS STEEL — Four-hole water bath

Product Overview

Application profile

Four vessels: up to four beakers, flasks or bottles at the same temperature.

Parallel samples: samples, controls and reagents side by side in one run.

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

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

Key features

Tank: 14.6 L stainless steel tank, 325 × 300 × 150 mm, deep-drawn with rounded corners.

Heating: U-shaped stainless steel heater directly in the water, 1000 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 four holes in two rows, each with concentric rings — the openings adapt to the vessel size.

Housing: powder-coated steel, power and output switches on the front panel.

Core technical summary

Parameter	Specification
Model	ODRA42
Temperature range	RT+5 to 100 °C
Resolution	0.1 °C
Holes	4, in two rows
Tank volume	14.6 L
Tank W × D × H	325 × 300 × 150 mm
Control	PID, PV / SV display
Supply	220 V, 50 Hz, 1000 W



Lid with four holes and concentric rings

TEMPERATURE	RESOLUTION	TANK	POWER
RT+5 to 100 °C	0.1 °C	14.6 L	1000 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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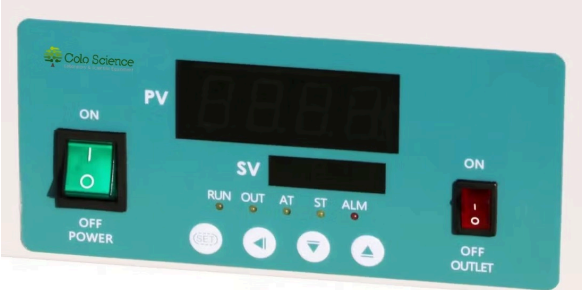
Model data · ODRA42

Parameter	ODRA42
Order code (SKU)	PRO2966
Holes	4, in two rows
Tank volume	14.6 L
Tank size W × D × H	325 × 300 × 150 mm
Heating power	1000 W

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, 4 holes with concentric rings
Housing	steel, powder coated
Supply	220 V, 50 Hz, 1000 W



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



Stainless steel lid · four holes with concentric rings

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



ODRA42 · four-hole water bath

Ordering information

Item	SKU
ODRA42 · thermostatic water bath, 4 holes, 14.6 L	PRO2966
Standard: lid with four holes and concentric rings	included
Baths with 1, 2 or 6 holes	on request

Configuration checklist

Vessels: beakers or flasks per run (up to four) → ring size.

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 vessels 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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