

# Axygen® Microtube Shaker

Compact benchtop shaking incubator

**AXYGEN**

A Corning Brand

The Axxygen Microtube Shaker provides researchers a benchtop shaking incubator allowing uniform heating, cooling, and mixing of precious life science samples. The compact footprint incorporates an intuitive control panel which allows the operator to easily program the device and view the live temperature, time, and mixing speed settings throughout the experiment.

Nine interchangeable aluminum blocks accommodate PCR plates and a variety of common life science vessels. No additional tools are required for block exchanges. The blocks utilize a magnetic adhesion technology and are self-recognized once exchanged. The combination of heating, cooling, and mixing with a versatile block selection makes the Axxygen Microtube Shaker ideal for many life science laboratories in the segments of molecular biology, biochemistry, and clinical chemistry. Applications include but are not limited to gene synthesis, gene purification and denaturation, enzymatic reactions, and bacterial growth assays.

## Specifications

Model	I-4010, I-4011, I-4012
Functions	Heating, cooling, and mixing
Temperature range	-15°C ambient to 100°C
Temperature setting range	0.1°C to 100°C
Control accuracy (°C at 20°C to 45°C)	±0.5°C
Uniformity (°C at 20°C to 45°C)	Max. ±0.5°C
Maximum heating rate	5.5°C/min.
Maximum cooling rate	5°C/min. (100°C to room temperature) 0.5°C/min. (below room temperature)
Speed range	200 to 1,500 rpm
Mixing diameter	3 mm
Display	LCD
Program	Up to 6 steps per 9 programs
Voltage	
I-4010	120V ±10%, 50/60 Hz
I-4011	230V ±10%, 50/60 Hz
I-4012	230V ±10%, 50/60 Hz
Power	200W
Ambient operation range	+5°C to 40°C, up to 80% RH, non-condensing

## Features and Benefits

- ▶ Constant mixing
- ▶ Wide speed range per block
- ▶ Precise temperature control for heating and cooling
- ▶ Flexible block selection
- ▶ Programmable
- ▶ Compatible with various tubes and plates
- ▶ Quick interchange of blocks with magnet adhesion technology without any tools
- ▶ Block equipped with a lid for heat preservation
- ▶ Three-point temperature calibration
- ▶ Stable self-recognizing block technology
- ▶ Calibration mode ensuring accurate temperatures within ±0.5°C after every block exchange
- ▶ Safe for cold room use
- ▶ Warranty: 1 year



## Ordering Information




Products may not be available in all markets.

### Axygen® Microtube Shakers

Cat. No.	Description	Qty/Cs
I-4010	Axygen Microtube shaker, 120V	1
I-4011	Axygen Microtube shaker, 230V (EU and UK power cords)	1
I-4012	Axygen Microtube shaker, 230V (CHN power cord)	1

### Accessories (sold separately)

Block	Cat. No.	Description	Speed (rpm)	Well Dimensions (diameter x depth)
	I-4010-A	Heating block, holds 0.5 mL tubes (24)	1,500	8.1 x 26 mm
	I-4010-B	Heating block, cone bottom, holds 1.5 mL tubes (24)	1,500	10.9 x 30.8 mm
	I-4010-C	Heating block, round bottom, holds 2 mL tubes (24)	1,500	10.9 x 30.8 mm
	I-4010-D	Heating block, holds 5 mL tubes (8)	1,500	13.6 x 42 mm
	I-4010-E	Heating block, cone bottom, holds 5 mL tubes (8)	1,400	17 x 51.5 mm
	I-4010-F	Heating block, holds 15 mL tubes (8)	800	16.9 x 102.24 mm

Block	Cat. No.	Description	Speed (rpm)	Well Dimensions (diameter x depth)
	I-4010-G	Heating block, holds 50 mL tubes (4)	600	29.6 x 105.95 mm
	I-4010-H	Heating block for 0.2 mL tubes or 96-well PCR microplates	1,500	—
	I-4010-I	Heating block for 96- or 384-well microplates	1,500	—

Spare plastic casings are available.

Cat. No.	Description
I-4010-TPC	Block casing for I-4010-A, -B, -C, -E
I-4010-PPC	Block casing for I-4010-H, -I

**Warranty/Disclaimer:** Unless otherwise specified, all products are for research use or general laboratory use only.\* Not intended for use in diagnostic or therapeutic procedures. Not for use in humans. These products are not intended to mitigate the presence of microorganisms on surfaces or in the environment, where such organisms can be deleterious to humans or the environment. Corning Life Sciences makes no claims regarding the performance of these products for clinical or diagnostic applications. \*For a listing of US medical devices, regulatory classifications or specific information on claims, visit [www.corning.com/resources](http://www.corning.com/resources).

Corning's products are not specifically designed and tested for diagnostic testing. Many Corning products, though not specific for diagnostic testing, can be used in the workflow and preparation of the test at the customers discretion. Customers may use these products to support their claims. We cannot make any claims or statements that our products are approved for diagnostic testing either directly or indirectly. The customer is responsible for any testing, validation, and/or regulatory submissions that may be required to support the safety and efficacy of their intended application.

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