

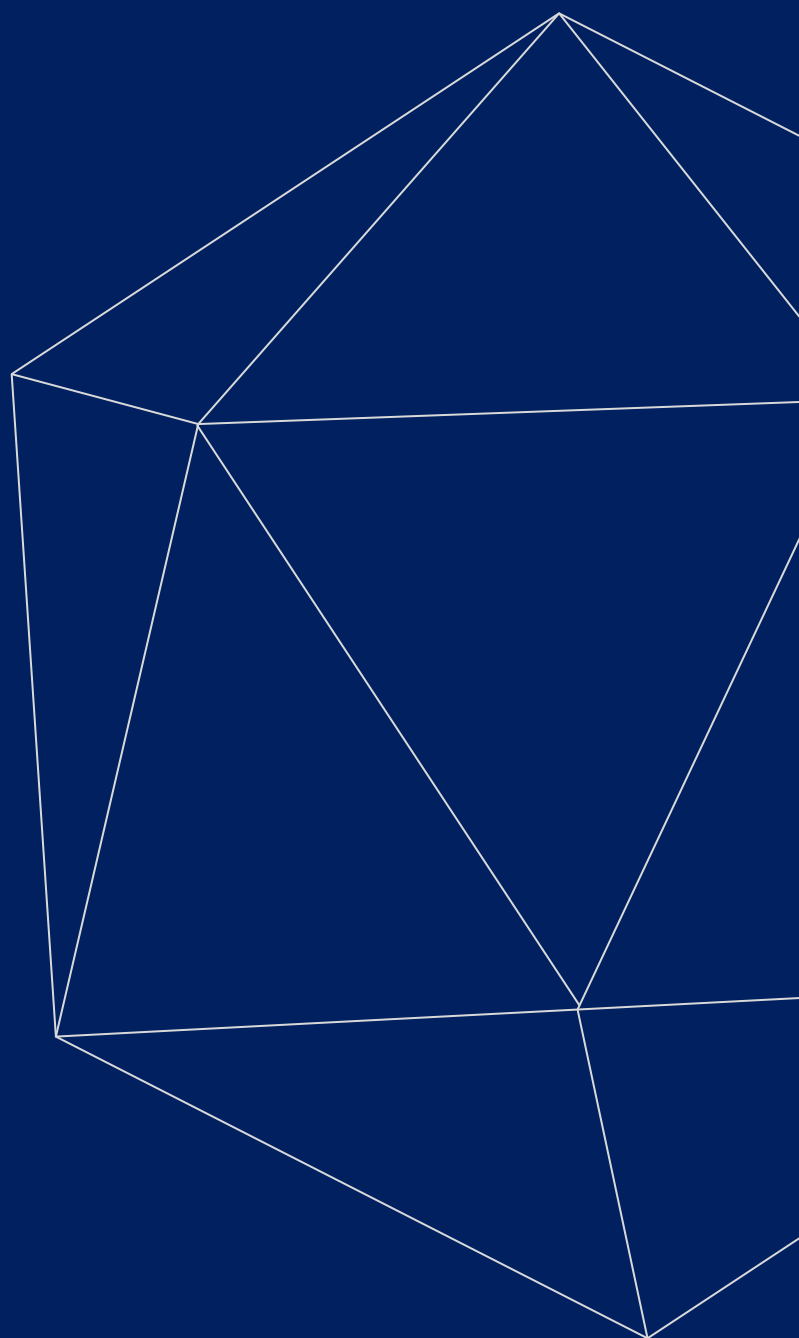


## LABORATORY LINES THERMO SHAKER INCUBATOR



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## Thermo Shaker Incubator Series YR409



In this case, we present you with the Thermo Shaker Incubator, which is designed for simultaneous heating, cooling and mixing of small samples. The model YR409 and they can be supplied with interchangeable blocks for microtubes. One of these shaker's great features is that you can mix, heat and cool the samples either simultaneously or independently. That is not all; this Thermo Shaker's main body of the Mixing Block can be used with different kinds of blocks.

We make your life easier that is why this Thermo Shaker has an LCD display, which is very easy to set up and use. Do not panic! In addition, you can control temperature, speed and display time with a very high accuracy level. We know that your lab might be crowded and you need to make as minimum noise as possible, so both models run with a very low noise level under the speed of 1.500 rpm. Both models conform to CE safety standard. Moreover, Peltier's design provides thermal control in a compact unit. You should also know that the metal blocks are very easy to replace and is very simple to clean and sterilize.

The temperature setting range for the YR409 model is 5°C~100°C. Both models have the same dimension 300 mm x 220 mm x 175 mm and the net weight is 7Kg and 8.5Kg respectively.

**Product Model: YR409.**

**Product Name: Thermo Shaker Incubator.**

Shakers are an essential item in a laboratory. This type of laboratory equipment is used to mix, blend, or to agitate substances in tubes or flasks by shaking them and it is very common in chemistry or biology applications. The shaker is the choice you want to make when it comes to dealing with such large volume substances, or simultaneous agitation is required. In this case, we are presenting you with the Thermo Shaker Incubator.

Mixing samples, solutions and different substances is a very common technique in most medical, biological and chemistry labs. That is why we are presenting you with this orbital shaker model. Being this a mandatory instrument in your workspace.

### Thermo Shaker Incubator

The vortex shaker is usually a small device that is used to shake or mix small vials of liquid substance. The way these types of shakers work is by putting a vial on the shaking platform and the vial is shaken along with the platform.

Designed for simultaneous heating, cooling and mixing of small samples, YR409 can be supplied with interchangeable blocks for microtubes. Mixing, heating and cooling modes can be used either simultaneously or independently. The main body of the Mixing Block can be used with different kinds of blocks.

#### Product Information

Designed for simultaneous heating, cooling and mixing of small samples, YR409 can be supplied with interchangeable blocks for microtubes. Mixing, heating and cooling modes can be used either simultaneously or independently. The main body of the Mixing Block can be used with different kinds of blocks.

Code	Description
YR409	Thermo Shaker, AC220V or AC120V, 50/60Hz, 150W

#### Features:

- ✓ LCD display. It is easy to set up and use.
- ✓ Accurately control and display time, temperature and speed.
- ✓ Over-heating protection device ensures safety & reliability.
- ✓ Low noise working even under the speed of 1,500rpm.
- ✓ Conforms to CE safety standard.
- ✓ Easy to replace the metal blocks and is very simple to clean and sterilize.



**#Let'sgive more**

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## Thermo Shaker Incubator

Series YR409



### Specification

Model	YR409	YR409-1	YR409-2	YR409-3
Temperature Control Range	RT.+5°C-100°C	0°C~100°C (if Ambient temp.≤20°C) 4°C~100°C (if Ambient temp.≤25°C) 10°C~100°C(if Ambient temp.≤30°C)	RT.+5°C-100°C	RT.+5°C-100°C
Temperature uniformity	≤0.5°C	≤0.5°C	≤0.5°C	≤0.5°C
Timer range	1min~99h59min	1min~99h59min	1min~99h59min	1min~99h59min
Temp. control accuracy	±0.5°C	±0.5°C	±0.25°C(≤37°C) ±0.5°C (≤95°C)	±0.25°C(≤37°C) ±0.5°C (≤95°C)
Display accuracy	±0.1°C	±0.1°C	±0.1°C	±0.1°C
Mixing Speed	200-1500rpm*	200-1500rpm*	300-3000rpm	300-2000rpm
Heating Time (25-100°C)	≤12min	≤15min	≤12min	≤12min
Cooling Time	---	≤30min (from RT. to RT.-20°C) ** ≤5min (from 100°C to 20°C) **	---	---
Mixing Orbit	2mm	2mm	2mm	3mm
Dimensions (mm)	300 x 220 x 170	300 x 220 x 170	230 x 170 x 165	230 x 170 x 165
Weight	7kg	8.5kg	5.5kg	5.5kg

\*Temperature and oscillation speed limit according to the type of block

\*\*Tested in ambient temperature <25°C

### Optional Blocks:



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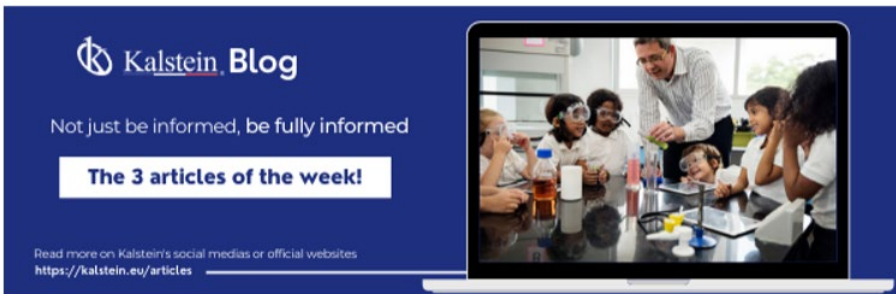
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