



Multitron Pro

The professional incubation shaker for any application



- ▶ Modern double glass door
- ▶ Intuitive control
- ▶ Highest capacity
- ▶ Space-saving
- ▶ Comfortable
- ▶ Individual configuration
- ▶ Highly qualified



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May be subject to technical amendments

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The incubation shaker No. 1

HIGHLIGHT

▶ New: Modern double glass door

Thanks to the improved insulation, the new double glass door allows temperatures down to 23°C below room temperature (with optional cooling). Together with the precise PID control and the circulation fans, this guarantees an even temperature distribution and constant conditions for your cultures.

▶ New: Intuitive control

The newly designed touch controller has modern sensor keys and a newly developed menu structure, allowing parameters to be intuitively switched on and off and set values to be changed.

▶ Highest capacity

Despite its low footprint, the Multitron Pro has the biggest tray (850 x 450 mm) in its class. You can use it, for example, to shake approximately 144 Erlenmeyer flasks of 250 mL or 18 Erlenmeyer flasks of 5000 mL in an area of less than one square metre.

▶ Space-saving

Space in a laboratory is scarce and expensive. Thanks to its modular structure, the Multitron Pro can be operated as an individual device or stacked in two or three units. The top tray on the third unit is just 1.30 m high!

▶ Comfortable

The cleverly designed drop-down door serves as a shelf for the pull-out tray at the same time. This means that your cultivation vessels are easily accessible and conveniently to hand at all times. Automatic restart and timer functions round off the package.

▶ Individual configuration

The Multitron Pro series is available in 500 versions, with examples including versions for cell culture, high temperatures and microtitre plates. These include many innovative options for cooling, lighting, hygienic direct steam humidification, etc., guaranteeing the optimum conditions for your cultures.

▶ Highly qualified

Given the high quality of the shaker device and temperature equalisation, the Multitron Pro can be qualified as part of a validation process.

You benefit from a unique flexible device in which you can use a wide range of culture vessels.

Microtitre plates



Ultra-Yield™ and Optimum Growth™ flasks



Erlenmeyer flasks



Disposable bags



Applications

- Parallel cultivation
- Screening
- Protein expression
- Media development
- Scale up
- Process development and optimisation
- Biofuels
- Molecular biology (e.g. mini- and maxipreps)

Key technical data

Dimensions (W x H x D): 1070 x 860 x 550 mm (without cooling system)

Maximum capacity: 6 x 5 L Erlenmeyer flasks

Maximum expansion: Stackable, up to 3 units

Speed ranges: 20–400 rpm (3 mm stroke: up to 999 rpm), depending on the load and stack. Control accuracy +/- 0.1%

Temperature range: 6°C above RT up to 80°C/typically up to 65°C (without cooling system); 20°C under RT (with side-mounted cooling system); 12°C under RT (with top-mounted cooling system). Control accuracy +/- 0.2°C

Standard parameters: Temperature and speed

Optional parameters: Cooling, illumination, humidification, CO₂ control

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