



# Multitron Pro

The professional incubation shaker for any application



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



[www.infors-ht.com](http://www.infors-ht.com)

May be subject to technical amendments

INFORS HT

# 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 20°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 470 mm) in its class. You can use it, for example, to shake approximately 48 Erlenmeyer flasks of 250 mL or 6 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 450 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 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 D x H):** 1070 x 880 x 550 mm (Individual device on rubber feet, without outlet nozzle, 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.

**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); 13°C under RT (with top cooling). Control accuracy +/- 0.3°C (Setpoint 4–50°C)

**Standard parameters:** Temperature and speed

**Optional parameters:** Cooling, illumination, humidification, CO<sub>2</sub> control

**Options:** ShakerBag, UV sterilisation, darkening, intermediate plate, pass-through, mobile temperature sensor, box for microtitre plates etc

Infors AG  
Headoffice, Switzerland

Rittergasse 27  
CH-4103 Bottmingen  
T +41 (0)61 425 77 00  
F +41 (0)61 425 77 01  
info@infors-ht.com

For more information and your local sales office please visit:

[www.infors-ht.com](http://www.infors-ht.com)

INFORS **HT**