

# Multitron «Cell»

Specifically for cell culture



- ▶ Cell Optimised
- ▶ CO<sub>2</sub> & Humidity
- ▶ For Flasks & microtiter plates
- ▶ Even temperature
- ▶ Special options
- ▶ Easy cleaning



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May be subject to technical amendments

INFORS HT

# Specialists in culturing mammalian & insect cells

## ▶ Cell Optimised

The Multitron «Cell» has a range of standard features and options which make it specific for optimised cell growth. No other incubator shaker can provide such a “bespoke” solution.

## ▶ CO<sub>2</sub> & Humidity

These are key requirements for many cell cultures – both measurement & control of gas levels and moisture in the incubation chamber. Consumption of CO<sub>2</sub> gas is kept to the minimum possible with a special design of door seal.

## ▶ For Flasks

The larger throw and high capacity (in both size and number of flasks), make the Multitron «Cell» ideal for applications such as seed production or preparation of proteins for further investigation.

## ▶ For microtiter plates

The use of deep-well plates with a 50 mm shaker throw provide good mixing and aeration, leading to optimal growth.

## ▶ Even temperature

The temperature distribution throughout the incubation chamber is outstanding and therefore ideal for cell culture, where variations can make a big difference to growth.

## ▶ Special options

Options such as darkening can be provided, which is essential for good growth of Baculovirus in insect cells due to their sensitivity to UV irradiation from fluorescent lighting. Qualification packages are available.

## ▶ Easy cleaning helps prevent contamination

INFORS incubator shakers are the only machines on the market which can be thoroughly disinfected on the inside and even washed out – the chamber base forms a seamless well with a drain to collect the washings.



### Loading Capacity (dedicated trays)

Size of flask	Quantity	Fernbach-flasks	Quantity
50	131	1800	7
100	89	2800	7
250	48	3000	6
500	31		
1000	19		
2000	13		
3000	9		
5000	6		

### Technical Data

Shaker Speed	30–400 rpm
Throw	ø 50 mm
Accuracy	± 1% of maximum speed
Temperature range	5 °C above RT to 60 °C
- with cooling	Approx. 10-15 °C under RT
Accuracy	± 0.2 °C in liquid
Weight without cooling	ca. 90 kg
Dimensions W x D x BH	1170 x 860 x 550 mm
Power supply	115/230 V ± 10%, 50/60Hz

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