

Multitron Cell

Specifically for cell culture

NEW!



- ▶ NEW: Hygienic humidity
- ▶ NEW: Antimicrobial surface
- ▶ NEW: For disposable bags
- ▶ NEW: Pass-through for tubing
- ▶ NEW: Easy cleaning
- ▶ Cell optimized & CO₂
- ▶ Even temperature
- ▶ For flasks & microtiter plates



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May be subject to technical amendments

INFORS HT

Specialists in culturing mammalian & insect cells

▶ NEW: Hygienic humidity

The mammalian cell version features the new, hygienic direct steam humidification which has the benefit of a more constant culture volume for stable osmotic pressure.

▶ NEW: Antimicrobial surface

The certified antimicrobial surface effects a 5-log reduction of microbes which greatly helps to reduce the contamination risk.

▶ NEW: For disposable bags

The ShakerBag option enables the cultivation of disposable bags from 1 to 10 L working volume.

▶ NEW: Pass-through for tubing

Can be used for ShakerBag option gas lines, cables of reference instruments, external sensors e.g. CO₂, etc.

▶ NEW: Easy cleaning helps to prevent contamination

The newly designed bottom well with "superfinish"-surface is easy to clean and can even be washed out by means of rinsing through a drain port.

▶ Cell Optimized & CO₂

Available in a special configuration for mammalian and insect cells; as single, double or three-stack unit. The mammalian cell version features precise CO₂ control to guarantee a stable pH.

▶ Even temperature

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

▶ For flasks & microtiter plates

Large capacity for flasks and microtiter plates. The larger throw provides good mixing and aeration. This gives you unbeatable flexibility to allow changes to your applications.



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	Bags	Quantity
2000	13	2 L TV	3
3000	9	10 L TV	2
5000	6	20 L TV	1

Technical Data

Shaker speed	30–400 rpm
Throw	ø 50 mm
Accuracy	± 1% of maximum speed
Temperature range	5 °C above RT to 65 °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 h	117 x 86 x 55 cm
Power supply	115/230 V ± 10%, 50/60Hz

Infors AG
Headoffice, Switzerland

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

Infors GmbH

Dachauer Str. 6
D-85254 Einsbach
T +49 (0)8135 83 00
F +49 (0)8135/83 20
infors.de@infors-ht.com

Infors UK Ltd

The Courtyard Business
Centre, Dovers Farm
Lonesome Lane, Reigate
Surrey, RH2 7QT, VK
T +44 (0)1737 22 31 00
F +44 (0)1737 24 72 13
infors.uk@infors-ht.com

Infors Sarl

2 rue du Buissons
aux fraises
Bâtiment D13
FR-91300 Massy
T +33 (0)169 30 95 04
F +33 (0)169 30 95 05
infors.fr@infors-ht.com

Infors Benelux BV

Fabriekstraat 38
7005 AR Doetinchem
P.O. Box 613
NL-7000 AP Doetinchem
T + 31(0)314-36 44 50
F + 31(0)314-37 80 76
infors.bnl@infors-ht.com

Infors Canada

8350 rue Bombardier
Anjou, Quebec
Canada H1J 1A6
T + 1 514 352 50 95
F + 1 514 352 56 10
infors.ca@infors-ht.com

Infors Bio-Technology
(Beijing) Co., Ltd.

Room 505C, Building 106
Lize Zhongyuan
Wangjing New Industrial Zone
Chaoyang District, Peking
100102 Volksrepublik China
T +86 10 51652068
F +86 10 64390585
info@infors-ht.com.cn