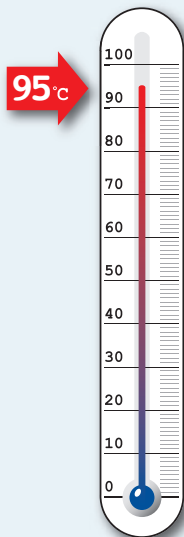




# Thermotron

Made for high temperature applications



- ▶ High Temperature
- ▶ Electronics Outside
- ▶ No bridges
- ▶ High Capacity
- ▶ Penta-drive
- ▶ Vibrationless



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

May be subject to technical amendments

INFORS HT

# High capacity and high speed

## ▶ High Temperature

The ability to operate reliably at temperatures up to 95°C is invaluable for both growth of thermophiles and decontamination by moist heat.

## ▶ Electronics Outside

This design allows a high temperature in the chamber without the risk of damaging the motor or control electronics which are safely outside the incubation chamber.

## ▶ No bridges

The use of a composite housing removes thermal bridges which can lead to heat loss in designs with two metal chamber walls.

## ▶ High Capacity

The largest tray in its class ensures the maximum loading capability.\*

## ▶ Penta-drive

The shaking tray is firmly connected to its support with 5 points of attachment for robust, reliable operation and minimal wear.

## ▶ Vibrationless

The INFORS HT dynamic counterbalance system ensures that high speeds do not cause any noise or unwanted vibrations.



### Technical Data

Shaker Speed	50–400 RPM
Throw	25 or 50 mm
Accuracy	± 1% of maximum speed
Temperature range	5 °C above RT to 95 °C
– with cooling	Approx. 15 °C under RT
Temperature resolution	0.1°C, at the pt-100
Precision (Pt100)	± 0.2 °C
Weight without table	approx. 90 kg
Dimensions W x D x H	107 x 86 x 55 cm
Power supply	115/230V±10%, 50/60Hz

### Loading Capacity (dedicated trays)

	Size of flask	Quantity
The Thermotron has the largest table (840 x 450 mm) in its class. This results in the optimum price/performance comparison when you consider the purchase price against number of flasks shaken.*	50	131
	100	87
	250	48
	500	31
	1000	19
	2000	13
	3000**	9

\* The INFORS HT Adhesive Matting „StickyStuff®“ is not compatible with Thermotron. Fixing of culture vessels with stainless steel clamps only.

\*\* Maximum flask size of the Thermotron is 3000 mL due to the heat shield inside the Incubator.

**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 33  
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 Buisson  
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 Biotechnology  
(China) 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