



Orbitron

The orbital table shaker with Penta-drive

- ▶ Stable, reliable Penta-drive
- ▶ User-friendly control with timer
- ▶ Range of options for trays & fittings
- ▶ Splash-proof operating panel
- ▶ Protected against spills of liquids
- ▶ Easy-to-clean composite housing
- ▶ Ideal for use in large incubators
- ▶ Proven technology



Modern Technology

▶ Stable, reliable Penta-drive

The "Penta-Drive" features dynamic mass balancing which guarantees extremely quiet, vibration-free running. Five points of attachment ensure a low-wear, precise shaking action.

▶ User-friendly control with timer

With digital setting of shaking speed and shaking time.

▶ Range of options for trays and fittings

Accepts tables of Type ATN, ATF and even ATM. They can be Universal, with holes for different clamps or holders, "fixed" with only one size of clamp, or with adhesive matting i.e. "Sticky Stuff®". Options for micro-titre plates and other containers are available.

▶ Splash-proof operating panel

The panel can be wiped clean and cannot be harmed by ingress of liquids. The large, clear display is readable even at a distance.

▶ Protected against spills of liquids

Designed to meet IP43 – protected against objects larger than 1 mm and against spraying water

▶ Easy-to-clean composite housing

The housing will not be damaged or rust if it comes into contact with liquid. Rounded corners with a wide radius ensure easy cleaning.

▶ Ideal for use in large incubators

An external power supply and a new, watertight motor of the latest generation (which does not get more than hand-warm) ensure minimal heat generation with maximum safety. Resistant against CO₂ and humidity.

▶ Proven technology

The Orbitron is a development from the successful Ecotron incubator shaker, which has already proven the robustness and reliability of the drive mechanism over time under real operating conditions.



Technical Data

Shaker Speed	20–550 rpm
Throw	∅ 25 mm
Accuracy	± 1% of maximum speed
Temp. range	+4°C–65 °C (external power supply 0–40°C)
Humidity	up to 85% non cond.
Power supply (external)	115/230V +/- 10% 50–60 Hz
Dimensions with M-tray	640 x 600 x 150 mm
Load capacity	875 x 600 x 150 mm Max. 31 kg

Loading Capacity (dedicated trays)

The shaker can accept either tables of Type ATN 420 x 480 mm, ATF 420 X 800 mm or ATM 470 X 850mm

Size of flask	Quantity ATN	Quantity ATF	Quantity ATM
50	65	106	131
100	46	73	87
250	25	41	48
500	15	24	31
1000	10	14	18
2000	6	8	13
5000	2	6	6

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 8333
F +49 (0)8135 8320
infors.de@infors-ht.com

Infors UK Ltd

The Courtyard Business
Centre Dovers Farm,
Lonesome Lane Reigate,
Surrey, RH2 7QT, UK
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)1 69 30 95 04
F +33 (0)1 69 30 95 05
infors.fr@infors-ht.com

Infors Benelux BV

Fabriekstraat 38
NL-7005 AR Doetinchem
P.O. Box 613
NL-7000 AP Doetinchem
T +31 (0)314 364 450
F +31 (0)314 378 076
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, Beijing
100102 P. R. of China
T +86 (0)10 51 65 20 68
F +86 (0)10 64 39 05 85
info@infors-ht.com.cn