

COMECTA Stackable high volume orbital shaker incubators



FAN AIR CIRCULATED, WITH OR WITHOUT REFRIGERATION

PROGRAMABLE TFT TOUCH SCREEN CONTROL OF SPEED, TEMPERATURE AND TIME. FOR LONG OPERATING PERIODS.

SAFETY:

TRIPLE PROTECTION MOTOR DRIVE:

OVER TEMPERATURE, IRREGULAR MOVEMENTS, AUTOMATIC STOP WHEN THE DOOR IS OPENED, TEMPERATURE ALARM, THERMAL CUTOUT.

GENERAL FEATURES

Metallic external case epoxy-coated and ABS frontal, specially designed to be able to stack up to 3 incubators.

TFT Touch screen.

8 programmable segments, current and set reading of temperature, time and speed parameters.

Acoustic alarm and illuminated indicator at the end of the cycle and also to indicate temperature and / or time programs errors.

Automatic switch off mechanism when the shaker door is opened.

Motor over load protection, with automatic switch off activation.

Induction drive motor, where the drive mechanism has an anti vibration system. Refrigerated models have a hermetically sealed compressor unit with a ventilated condenser.

Internal case made of stainless steel AISI 316 with polished finish and glazed door for a handy visibility of the samples process.

Interior platform with front extraction guides with multi-adapter positions for differing accessories, such as: conical flask adapters, microtitre plate holders and universal tray with adjustable tension springs for other non standard sized vessels.

The orbital rotation can be adjusted without disassembly from 50mm.

Amplitude of oscilation: 25 -50 mm.

Comes complete with print and USB output for the process registration.



Example of two stacked models

MODELS	ZHP-2012	ZGP-2012 Refrigerated
Part No.	5312137	5312138
Controllable speed range	from 30 to 300 r.p.m.	from 30 to 300 r.p.m.
Controllable speed in steps of	1 r.p.m.	1 r.p.m.
Controllable temperature range	from ambient +5 °C to 60 °C	from 4 °C to 60 °C
Controllable temperature in steps of	0.1 °C	0.1 °C
Chamber temperature uniformity	±1 °C	±1 °C
Timer	999 hours	999 hours
Usable platform dimensions	780 x 480 mm	780 x 480 mm
Platform number	1	1
Maximum conical flask capacity (see accessories)	12 X 2000 ml or 15 x 1000 ml, ó 28 x 500 ml, or 40 x 250 ml,	12 X 2000 ml or 15 x 1000 ml, ó 28 x 500 ml, or 40 x 250 ml,
Dimensions Height x Width x Depth	640 x 1150 x 780 mm	640 x 1150 x 780 mm
Weight	150 Kg	180 Kg
Power	760 W	1120 W

ACCESSORIES

Erlenmeyer and flask adapters. Made from hardened sprung stainless steel.

Part No. 5312105	Adapter for	50 ml
Part No. 5312106	Adapter for	100 ml
Part No. 5312107	Adapter for	250 ml
Part No. 5312108	Adapter for	500 ml
Part No. 5312109	Adapter for	1000 ml
Part No. 5312110	Adapter for	2000 ml

