CISCAL

Autoclave Australia

LABORATORY AUTOCLAVE

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Laboratory autoclaves sterilize laboratory equipment by using high temperatures and pressure to produce steam. Autoclaves are found in research labs, medical environments, dental offices, and anywhere else where microbial contamination is a primary concern.

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LABORATORY AUTOCLAVE

Microbiology, Biochemistry

Sterilize culture media and liquid precisely with the integrated media sensor.

Pharmacy

Sterilize hollow instruments, porous materials, packaging, plastics, rubber and textiles.

Food Industry

Food preservation.

Universities

Robust, ideally for any application and training operation.

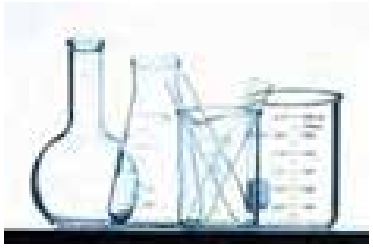
Material testing

Perform hundreds of cycles in succession, fully automatically without user interaction.

STERILIZATION MATERIALS

Instruments packed and unpacked

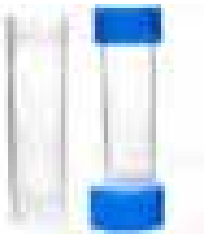
Porous materials and textiles



Glass

Liquid in open bottles

Culture medium and agar



Plastic

Rubber

Food in open jar

Lab waste

MAIN FEATURES

Independent steam generator

Fast generation of fully saturated steam to ensure efficient sterilization

Pulsating vacuum system

Ensures effective removal of cold air inside the chamber as well as air bubbles in solid instruments, porous instruments and wastes, so that the steam can completely penetrate the interior of the object to achieve an effective sterilization.

Multi protection

Equipped with mechanical and electronic safety mechanisms for pressure & temperature overload protection and safety door locking system.

Media temperature sensor

Equipped with a special media temperature sensor for liquid sterilization. The media sensor is inserted into the liquid to accurately and effectively monitor the temperature of the liquid, so as to achieve effective sterilization.

Fresh water and wastewater tank

Built-in freshwater tank and wastewater tank, no need to add fresh water or drain waste water in each cycle.

User - defined program

Sterilization temperature, pulsating vacuum times, sterilization time. Drying time can be user-defined, not only to meet the sterilization of instruments, glasses, liquids, culture media, etc., but also to maintain the temperature after sterilizing process.

Documentation

Equipped with an internal memory able to store 10000+ cycles, and the cycle reports can be automatically saved via the USB driver or simply printed on thermal paper as soon as cycle ends.

Model 2545D

Model 3242T & 3262T

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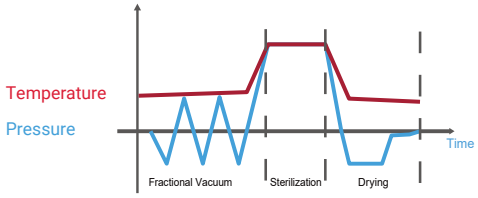
PROGRAMS

Programs	Vacuum times	Sterilizing Temperatures / Time	Drying Temperature /Time
Liquid 1	0	105-134°C / 0.5-99min	45-60 °C / 0-30min
Liquid 2	0	105-134°C / 0.5-99min	45-60 °C / 0-30min
Instruments 1	1-3	105-134°C / 0.5-99min	45-60 °C / 0-30min
Instruments 2	1-3	105-134°C / 0.5-99min	45-60 °C / 0-30min
Waste 1	0-3	105-134°C / 0.5-99min	45-60 °C / 0-30min
Waste 2	0-3	105-134°C / 0.5-99min	45-60 °C / 0-30min
Dry	0	/	no limited
B&D/Helix	3	3.5min	15min
Vacuum test	3	3.5min	/

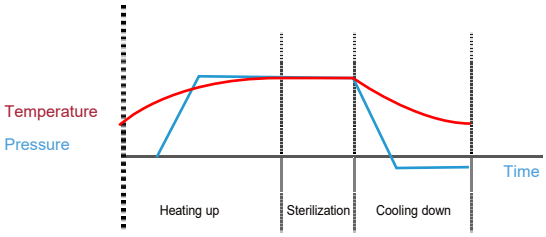
Sterilization of Instruments



How to choose the program

Sterilziation material	Program	Vacuum times
Wrapped instruments	Instrument	3
Unwrapped instruments	Instrument	1
Glasss	Instrument	1
Porous material	Instrument	2 or 3
Textile	Instrument	3
Plastic & Rubber	Instrument	3
Liquid	Liquid	0
Culture media	Liquid	0
Lab solid waste	Waste	3
Lab liquid waste	Waste	0

Sterilization of liquid with media sensor



Model : 2545D

1. Parameter

Chamber Dimension: Φ250mm x 450mm

Voltage: 220v/110v, 50Hz/60Hz

Power: 1750w

Max sterilization temperature: 134 °C

Net Weight: 53kg

Product dimension(W*H*D): 490*455*690mm

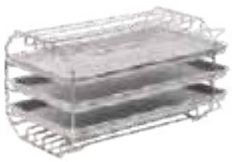
2. Max loading capacity

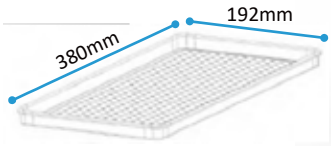
250ml bottles : X10

250ml bottles : X10

1 rack with 3 trays: X1SET

3. Dimension of tray





Model : 3242T/3262T

1. Parameter

Chamber Dimension:	3242T	3262T
Chamber Dimension:	Φ320mm x 420mm	Φ320mm x 620mm
Voltage:	220V/110V	220V/110V
Power:	2300 W	2800W
Max sterilization temp.:	134 ℃	134 ℃
Net Weight:	96kg	120kg
Product dimension(W*H*D):	640*560*640mm	640*560*840mm

2. Max loading capacity

250ml bottles : x 12 (3242T) ; x 21(3262T);

500ml bottles : x 9 (3242T) ; x 18(3262T);

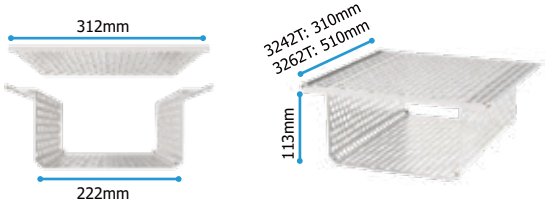
1000ml bottles: x 6 (3242T) ; x 10(3262T);

2000ml bottles: x 2 (3242T) ; x 3(3262T);

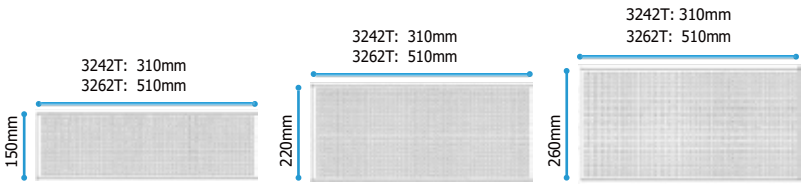
Standard tray: x 1 set

Bottle trays: (optional): **x1;** **x1;**

3. Dimension of standard tray



4. Dimension of bottle tray (optional)



STANDARDS

93/42/EEC Directive on Medical Devices.
97/23/EEC Directive on Pressure Equipment.
EN 61326, EN 61000 Electromagnetic Compatibility.
EN 61010-1 Safety requirements for electrical equipment.

ACCESSORIES

sealing machine

Water Distiller

Ultrasonic Cleaners

Label printer

CISCAL

Autoclave Australia

Contact Us:

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VIC **Unit 13/63 Ricky Way, Epping 3076 VIC**
QLD **Unit 3. 54-58 Nealdon Drive, Meadowbrook, 413 QLD**

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