



+ **innovo™** lab

INNOVO LAB

30L & 56L

DESIGNED FOR LABORATORY AND RESEARCH INSTITUTIONS.
AN ACCURATE, CONVENIENT AND SAFE AUTOCLAVE AIMING TO PROVIDE
HIGH PRECISION, HIGH PROTECTED AND RELIABLE STERILISATION
SOLUTIONS IN THE LABORATORY AND BIOLOGICAL FIELD.

AN EASY TO USE & COST EFFECTIVE STERILISATION SOLUTION



- ✓ Safe
- ✓ Compliant
- ✓ Reliable
- ✓ Easy To Use
- ✓ Cost Effective
- ✓ Ultra Quiet Design
- ✓ Large Load Capacity

Features & Benefits

- Smooth 5" Full-color touch panel control system.
- High-precision PT100 Sensor accurately controls sterilisation.
- Fast cooling system, lowering the liquid temperature more safely and quickly, saving waiting time.
- Optional biohazard filtration system protects against unsterilised Viruses that are released into the environment.
- Intelligent locking system, when the chamber temperature is over range or pressure is overpressure, the door will not open.
- Connect to the internet with the server for remote monitoring of multiple sterilisers.
- Store thousands of cycles on your autoclave for viewing, printing, or downloading to a PC
- Reliable personnel and sterilisation tracking system to increase work efficiency.
- 316L grade stainless steel chamber and door, providing strength and stability.
- Overheating and Pressure overload protection.



Diversified Applications

- Agar Preparation
- Liquid Sterilisation
- Empty Glassware Sterilisation
- Instrument & Solid Sterilisation
- Waste Liquid/Solid/Mixed Sterilisation
- Respirator Mask Sterilisation
- Other Heat Resistant Materials

ACCURATE

The Innovo Lab Series has a new comprehensive and scalable traceability system.

By Scanning the barcode, you can accurately grasp the complete details of all sterilisation cycles and save on the built-in memory, the data can then be analysed via USB.



- Fully Customisable program with PT-100 Precision Temperature Sensor

Built-in two PT 100 sensors to detect the real-time temperature of Chamber, Liquid Loads and accurately adjust the record to improve the overall sterilisation performance.

- Traceable for operator ID and Sterilisation loads check in & check out
Accurately record all relevant information through the barcode label of the sterilisation process. Improves sterilisation traceability, efficiency and management.



CONVENIENT

The Innovo Labs excellent design can be suited to a benchtop depth of 70cm. Every detail of the Innovo Lab has been carefully thought out to make it attractive, yet practical at the same time.

- Full Colour Touch Panel | Just Click & Start

Easy to follow design incorporating a shortcut menu for quick access, with a 5-inch full-colour touch screen.

- Free from troublesome Agar Clogging

We understand how troublesome it is for users to have to continually remove cooled agar from their autoclave. The Innovo Lab series utilise heated pipes to help soften the agar so that it is unable to condense within the internal components.

- EZ Light Process Indicator

The EZ light sterilisation process composes of LED's that will change colour on the front panel of the unit to indicate the different stages of the sterilisation cycle. Helping to provide valuable information at a glance.



EZ Light Process Indicator

Blue Light

Sterilisation is on standby

Blue Light (blinking)

Sterilisation cycle is running

Green Light

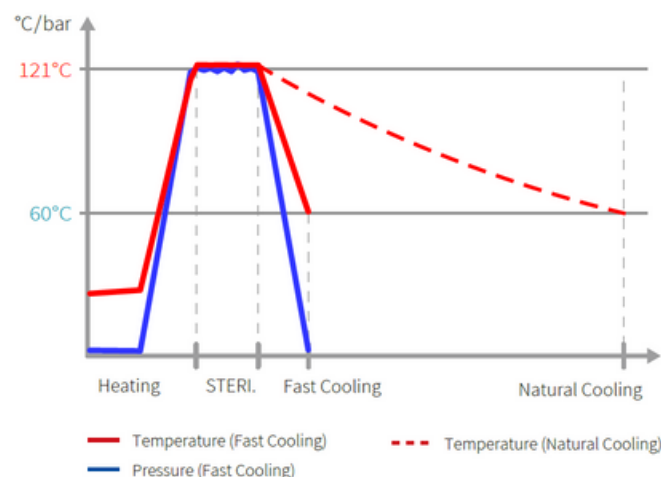
Cycle is complete, load is sterilised

Red Light

Warning, Cycle Error

- Fast Cooling System

The time to complete a standard sterilisation cycle normally consists of a long waiting time whilst the machine is cooling, especially with liquid loads. The advanced Innovo Lab series offers three cooling devices allowing the unit to rapidly reduce chamber temperature and liquid temperature.



SAFETY



Four Door Locking System



Reliable door lock system with multiple lock designs.

When the door is closed, it will automatically detect the position and lock it.

The door cannot be opened until the sterilisation cycle is completed and the temperature and pressure drop below the safe value.

Power Response System



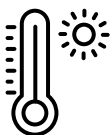
When the Sterilisers power is interrupted during the cycle, the pressure is automatically released and returned to standby to protect user safety.

Overpressure Protection



During the cycle, if the pressure within the chamber is too high due to unexpected errors, the protector will stop the cycle to protect the safety of users and prolong the steriliser life

Overheat Protection



During the cycle, if the temperature within the chamber is too high due to unexpected errors, the protector will stop the cycle to protect the safety of users and prolong the steriliser life

INNOVO LAB SERIES



Innoovo Lab 30L



Innoovo Lab 56L

	Innoovo Lab 30L	Innoovo Lab 56L
Chamber Capacity (Liters/Gallons)	30 Liters / 7.9 Gallons	56 Liters / 14.8 Gallons
Chamber Size Diameter x Depth (mm/cm)	300 x 452 (mm) 30 x 45.2 (cm)	380 x 522 (mm) 38 x 52.2 (cm)
Chamber Material	316L Stainless Steel	316L Stainless Steel
Overall Dimension (mm/cm)	584 (W) x 480 (H) x 670 (D) (mm) 58.4 (W) x 48 (H) x 67 (D) (cm)	720 (W) x 535 (H) x 710 (D) (mm) 72 (W) x 53.5 (H) x 71 (D) (cm)



Conical Flask Loading Capacity

	Innoovo Lab 30L	Innoovo Lab 56L
250ml	5pcs	15pcs
500ml	3pcs	8pcs
1000ml	3pcs	6pcs
2000ml	0pcs	2pcs
5000ml	0pcs	0pcs



Bottle Loading Capacity

	Innoovo Lab 30L	Innoovo Lab 56L
250ml	10pcs	18pcs
500ml	5pcs	15pcs
1000ml	4pcs	8pcs
2000ml	0pcs	3pcs
5000ml	0pcs	0pcs

SPECIFICATIONS

INNOVO LAB 30L

Chamber Size: 30cm x 45.2cm

Chamber Capacity: 30Litres

Pressure Vessel Material: 316L Stainless Steel

Sterilisation Temperature: 105°C-135°C - Adjustable

Sterilisation Temperature Sensor: PT-100 (Chamber & Floating Sensor)

Operation Interface: 5" LCD Full Colour Touch Screen

Altitude Usage: Under 3,000m

Overall Dimension: 58.4cm (W) x 48cm (H) x 67cm (D)

Net Weight: 75kg

Power Supply: 230 VAC, 50/60Hz

Current: 13.3A

Built In Memory: 2GB

Printer: Thermal Printer

USB Port: 4

Water Reservoir Capacity: 4,200ml

Programs Available: Liquid, Solid, Agar, Dissolution, User, Dry-Only, Waste Liquid, Solid, Mixed, Latex, Flash, Cleaning, Leakage Test, Bowie-Dick Test

SPECIFICATIONS

INNOVO LAB 56L

Chamber Size: 38cm x 52.2cm

Chamber Capacity: 56Litres

Pressure Vessel Material: 316L Stainless Steel

Sterilisation Temperature: 105°C-135°C - Adjustable

Sterilisation Temperature Sensor: PT-100 (Chamber & Floating Sensor)

Operation Interface: 5" LCD Full Colour Touch Screen

Altitude Usage: Under 3,000m

Overall Dimension: 72cm (W) x 53.5cm (H) x 71cm (D)

Net Weight: 107kg

Power Supply: 230 VAC, 50/60Hz

Current: 13.3A

Built In Memory: 2GB

Printer: Thermal Printer

USB Port: 4

Water Reservoir Capacity: 16,000ml

Programs Available: Liquid, Solid, Agar, Dissolution, User, Dry-Only, Waste Liquid, Solid, Mixed, Latex, Flash, Cleaning, Leakage Test, Bowie-Dick Test

STANDARD ACCESSORIES



Standard Bottle Plate

A 316L stainless steel support surface that is suitable for loads with flasks schott-duran bottles or other sterilization loads.

Dimensions (W x D) :

30L : 140 x 404 (mm)

56L : 265 x 465 (mm)



- User Manual
- File Check Software
- Quick-Drain Tube
- Printer Paper (5pcs)

OPTIONAL ACCESSORIES



Wire - Mesh Basket

Sterilisation basket, made of 304 stainless steel.

Dimensions (W x H x D)

30L: 215 x 190 x 375 mm

56L: 295 x 215 x 380 mm



Waste Sterilisation Box

Sterilisation bucket, made of 304 stainless steel. Used to contain waste loads.

Dimensions (W x H x D)

30L: 210 x 200 x 360 mm

56L: 300 x 230 x 405 mm



Tray Set

Square tray holder with a capacity of four perforated sieve trays, made of 304 stainless steel.

Tray Dimensions (W x H x D)

30L: 203 x 32 x 368 mm

56L 280 x 38 x 409 mm





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