

AUTOCLAVE – HIGH SAFETY MODEL

Advanced Sterilization with
Maximum Safety Assurance

INTRODUCTION

Equipaxis High Safety Autoclave is engineered to deliver precise, consistent, and highly reliable sterilization for laboratory, medical, and industrial applications. Utilizing high-pressure saturated steam technology, it ensures complete elimination of contaminants, meeting the highest standards of safety and compliance.

Designed with intelligent controls and robust construction, the autoclave offers seamless operation, accurate process control, and enhanced user protection. Its advanced safety mechanisms and durable build make it an ideal solution for environments where safety, reliability, and performance are critical.

KEY FEATURES



Advanced Sterilization Performance

High-pressure steam sterilization ensures complete decontamination
Operating temperature range of 105–121°C with precise control



Smart Control & Operation

PID-based control system for accurate and stable performance
Digital display for temperature, pressure, and timer monitoring
Programmable settings including soak time, purge, and exhaust control



Enhanced Safety Systems

Automatic pressure release system (manual option available)
Low water level cut-off for heater protection
Integrated safety alarm and pressure safety valve



Robust & Durable Construction

SS304 inner chamber for corrosion resistance and hygiene
GI powder-coated outer body for long-lasting durability
High-safety locking system for secure operation



User Convenience & Efficiency

Digital timer with range up to 999 minutes
Easy-to-use interface with 5 program keys
Stainless steel baskets (wire mesh/solid) for versatile loading



Sterilization You Trust. Safety You Depend On.

SPECIFICATIONS

Operating Temperature Range	105–121°C
Operating Pressure	15 PSI
Temperature Display	Digital
Pressure Display	Digital
Safety Devices	Automatic Pressure Release System (Manual also available) Automatic Low Water Level Cut-Off (Heater safety) Safety Alarm Pressure Safety Valve
Control & Settings	Sterilization Temperature Setting Soak Time Setting Purge ON/OFF Set Points Exhaust Set Point
Control System	PID
Program Keys	5
Timer Display	Digital
Timer Range	0 to 999 Minutes
Inner Chamber Material	SS304
Outer Chamber Material	GI sheet powder coated
Outer Chamber Dimension	500 x 650 x 1000 mm
Locking System	High-safety locking system
Accessories	Stainless Steel Basket (Wire Mesh / Solid)
Power Supply	230 V/AC

AVAILABLE MODELS

Model No	Chamber Dimensions	Chamber Capacity	Wattage
EA110	16" x 32" inner	110 Ltr	4.0KW

SAFETY FEATURES

- ▶ Automatic Pressure Release System
- ▶ Pressure Safety Valve
- ▶ Low Water Level Cut-Off Protection
- ▶ High-Safety Door Locking System
- ▶ Integrated Safety Alarm System



Scan to know more

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