



# KRISHNA ENGINEERING CORPORATION

All Types of Sterilizer Machine & ETO Manufacturer



Since 1992

## ABOUT US:

Started in the year 2000, we at **Krishna Engineering Corporation** are engaged in manufacturing and exporting a wide range of, Sterilizer's. Moreover, we also hold expertise in offering our clients, continuous drying and cooling system equipment. Our product portfolio, includes vessels MS & SS, Ribbon Blenders, Tray Drayer, Vacum Dryer, ETO, Sterilzer, Steam sterilizer.KEC ETO sterilizers are designing to use with, ETO gas cartridge to provide a safe and effective low temperture sterilization, process.



# KRISHNA ENGINEERING CORPORATION

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# FLASH AUTOCLAVE

## What is class B & class N AUTOCLAVE

The class B autoclave is defined by pre Sterilization vacuum cycle. The class B is considered to be the highest class of autoclave and can be used to sterilize all loads including solids, type hollow instruments, porous loads and wrapped instruments.

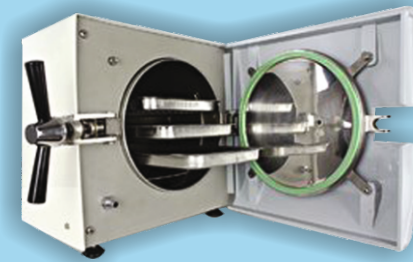
All B type autoclaves must pass a Helix test as per standard EN 13060 outlined by EN 867-5:2001. This can only be achieved by use of a pre Sterilization fraction vacuum.

Post Sterilization vacuum drying ensures complete drying of all loads after the Sterilization process is complete.

Class N autoclave do not feature a vacuum cycle and are suitable for Sterilization unwrapped solid instruments and Liquids.

## Technical Specification

MODEL	CHAMBER VOLUME CHAMBER SIZE
KEC-12	Nk250mmx 250mm
KEC-18	NK250mmx350mm
KEC-25	NK250mmx 520mm



# ULTRASONIC CLEANER

Ultrasonic cleaner is a process that uses ultrasound (usually from 20-400 kHz) and an appropriate cleaning solvent (sometimes ordinary tap water) to clean items. The ultrasound can be used with just water, but use of a solvent appropriate for the item to be cleaned and the type of soiling present enhances the effect. Cleaning normally lasts between three and six minutes, but can exceed 20 minutes, depending on the object to be cleaned.

- Indigenously manufactured with advanced MOSFET/IGET technology.
- Pulse Sweep Power to obtain maximum cleaning efficiency with lesser dead zones. Compact, rugged and highly durable systems.
- Efficiency of 90% Permits maximum cleaning action, low power consumption.
- Digital 99min. Pre settable timer. Digital Temperature Controller.
- Pre Set art mode to achieve demanding cleaning levels.
- State of art mode to achieve demanding cleaning levels.
- Multi frequency operation (optional) for cleaning with best result of low and high frequencies to eliminate dead zone completely.



# ETO STERILIZER

## Features of ETO Sterilizer

- Made by SS 304/316L grade
- Fully automatic PLC Control + Manual Operating Function
- Alarm Notification
- CE approved Components
- Thermal Printer
- Central locking system which prevents ETO Gas leakage and vacuum leakage



## Application

Hospitals  
Laboratories  
Pharmaceuticals  
Life saving Equipments  
Food & Beverages  
Medical and Surgical Equipments

## Working Process

Pre-conditioning (vacuum)  
Sterilization  
Degassing

## Safety & error detection

Pressure leakage  
Temperature over shoot  
Temperature & Pressure sensor faulty detection  
Vacuum not done  
Cartridge puncture or not cycle not complete

## TECHNICAL SPECIFICATION

As per requirement		
Central locking bar	8 bars of 16 x 16mm	SS 304 / 316
Digital Temp. Controller	Pressure Sensor	AVAILABLE
Operation	Automatic & manual	Schneider PLC
Operating Temperature	.....	35-60°C in chamber
Thermal printer	1 Nos.	Available
Thermostate		for more temperature accuracy

Specification are subject to change without prior notice.

# STEAM STERILIZER

The laboratory line features a user friendly, PLC based system which offers enhanced monitoring and controlling. The programs are designed to treat all load types including liquids, instruments and waste. All programs are fully customizable to suit the specific needs and requirements of the end user.



## SPECIFICATION OF AUTOCLAVE STEAM STERILIZER

Size in mm L x W x H	Size in inch L x W x H	Volumetric Capacity in m <sup>3</sup>	Liter Capacity
L 1220 X D 510	L 48" X D 20"	0.300	248 Ltr.
L 915 X D 510	L 36" X D 20"	0.180	180 Ltr.
1200 X 600 X 600	48" X 24" X 24"	0.432	480 Ltr.

## Working Process

- Pre heating
- sterilization (Operating Temperature 121 c -134 c)
- Drying

## Feature Steam Sterilizer

- Fully automatic operated system
- Chamber is made of full SS 304/316L
- Boiler made of full SS 304/316L
- Door is made from SS plate 304/316L
- Usb data storage, Online printing
- Digital temperature controller
- PLC operating system
- Alarm notification

## Safety & error detection

- Vacuum fail
- Chamber pressure safety valve
- Jacket pressure safety valve
- Automatic heater cut-off
- Water level indicator

