

GOLEY[®]

(Your Sterilization Partner Since 1980)



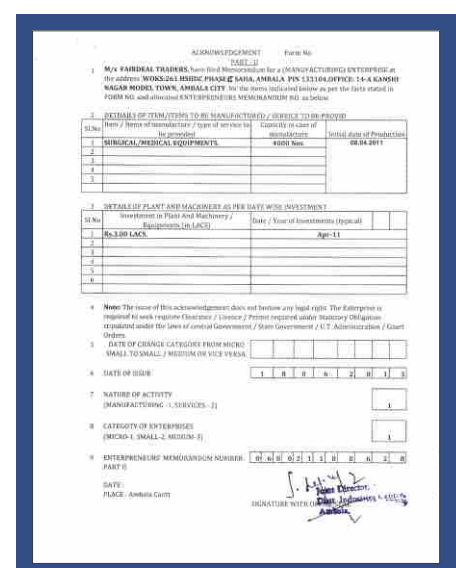
Autoclaves & Steam Sterilizers

www.fairdealtraders.com



The Power Of Innovation For Better Sterilization

QUALITY POLICY & CERTIFICATIONS





STERILIZERS

About Us

Fairdeal Traders. incepted in the year 1980 in Ambala City (Haryana), India. Embracing a philosophy that is reflected in our high-quality, highly customized instruments. The idea behind the company's founding was to develop instruments tailored to the highly specialized demands of each individual customer. Fairdeal Traders has emerged as one of the leading manufacturers & exporters of Autoclaves & Steam Sterilizers , Suction Machine, Ulv Foggers , L.E.D X - Ray view box, Hospital Furniture , Lab Testing Equipments under Brand Name “ GOLEY ”

Our company is ISO 9001:2008 / ISO 13485:2016 / CE & WHO - GMP Certified Company.

Why choose Goley ?

Leaders in sterilization since 1980

CUSTOM SOLUTIONS

Custom and standard solutions to meet your specification. Here at GOLEY we take pride in producing a comprehensive range of autoclaves and sterilizers, all of which can be found on the following pages. Together with a selection of options, we are confident we can supply the right equipment for your needs. As & where necessary , Goley can take the best elements & features to create a custom sterilization unit that fits your installation space, budget or process needs.

GLOBAL REACH

Our products are being used across India & worldwide. Being in business for over 37 years, Goley can lay claim to a long list of satisfied customers. A large percentage of customers who have either purchased from us directly or through an approved agent. A list of dealer partners can be found on our website. Can't see a dealer covering your location? Please contact us to discuss your requirements.

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Horizontal Steam Sterilizer



GOLEY Horizontal Steam sterilizers are designed for Hospital, CSSD and Medical Centers that need reliable sterile processing. We have maintained high quality for hospital grade autoclaves, providing reliable, heavy duty high performance machines.



PLC / HMI TOUCH SCREEN



Vacuum Pump for Pre & Post Vacuum Cycle



Printer

| Variant | Size of inner chamber (mm) | Size of inner chamber (inches) | Capacity in liters | Heating load |
|----------|------------------------------|--------------------------------|--------------------|--------------|
| Ft - 400 | 300 x 500 mm | 12" x 20" | 45 liters | 6 kw |
| Ft - 401 | 400 x 600 mm | 16" x 24" | 78 liters | 6 kw |
| Ft - 402 | 400 x 900mm | 16" x 36" | 120 Liters | 9 kw |
| Ft - 403 | 400 x 1200mm | 16" x 48" | 150 Liters | 12 kw |
| Ft - 404 | 500 x 900mm | 20" x 36" | 185 Liters | 12 kw |
| Ft - 405 | 500 x 1200mm | 20" x 48" | 220 Liters | 12 kw |

The above sizes are our standard sizes of horizontal steam sterilizer, However we are fully capable to cater the demand of any customized size for any special application

CONSTRUCTION



- Complete unit is made up of heavy gauge stainless steel 304 grade
- Available in both **double chamber and triple chamber** (steam storage provision) mounted on stainless steel 304 grade Stainless steel stand.
- Hi-tech stainless steel 304 grade radial locking mechanism for ultimate ease of operation and safety.
- Incorporated with automatic pressure control switch to control pressure in steam generating chamber.
- Water level indication with stainless steel enclosure for safety of glass tube.
- High accuracy and reliable pressure gauge for both Steam generating chamber & working chamber.
- Huger grade spring loaded safety valve of brass, duly chrome plated
- Specially designed ISI marked energy efficient stainless steel heaters
- Low water cut off device which protects the heaters from running dry.
- Seamless silicon grade gasket
- Vacuum breaker is also provided to break vacuum in case of power failure
- Pressure adjustable from 5 psi to 20 psi
- Working temperature 121 °c, However as per requirement it can be upgraded upto 134 °c
- Double Door Horizontal Steam Sterilizer is also available on request

UPGRADATIONS

All our above variants are incorporated with Pressure Control Switch, however these variants can be upgraded to Semi Automatic, Fully automatic & PLC / HMI based variants as below.

- **SEMI AUTOMATIC** : Incorporated with Low Water Cut Off Device, Microprocessor based controller (Programmable by user) with digital display of temperature & timer. Transfer of steam from steam generating chamber to working chamber is manually, After achieving 121 degree timer starts automatically which is also preset at 20 Minutes (Adjustable). After cycle ends unit will gets switch off & steam can be released Manually.
- **FULLY AUTOMATIC** : Incorporated with Low Water Cut Off Device, Microprocessor based controller (Programmable by user) with digital display of temperature & timer. Enable reproducibility of results as full cycle including Automatic Steam penetration from steam generating chamber to working chamber, purging of stale air, Sterilizing hold time, Cycle ends with automatic exhaust of pressure. Requiring no human intervention.
- **PLC / HMI WITH PRINTER** : PLC (Programmable Logic Controller) comes with touch Screen panel with Display of Chamber Pressure, Temperature, Cycle No, Batch No, Time & Date, Low Water Indicator & Printer attachment.
- Touch Screen panel for friendly use
- Pre & Post vacuum system
- Vacuum hold facility for dry sterilization.
- Pursing of Stale air to remove air pockets
- Can be used as Auto & Manual mode
- Multi - Program Memory.

Goley Vertical High Pressure Steam Sterilizer (Radial Locking)



CONSTRUCTION

- Triple chamber construction
- Inner chamber , outer chamber, Lid, Support rings, Support legs made up of heavy gauge stainless steel 304 grade
- Hi-tech stainless steel 304 grade radial lock locking mechanism for ultimate ease of operation and safety, Paddle lifting arrangement.
- Incorporated with Pressure gauge, automatic pressure control switch , Mechanical timer device, Buzzer, Safety valve, Water inlet & outlet device, Steam release valve.
- Water level indication with stainless steel enclosure for safety of glass tube.
- Specially designed ISI marked energy efficient stainless steel heaters
- Low water cut off device which protects the heaters from running dry.
- Vacuum breaker is also provided to break vacuum in case of power failure
- Seamless silicon grade gasket
- Pressure adjustable from 5 psi to 20 psi
- To work on 220/230V, 50 Hz, Single Phase



| Variant | Size of inner chamber (mm) | Size of inner chamber (inches) | Capacity in liters | Heating load |
|----------|---------------------------------|-----------------------------------|-----------------------|-----------------|
| Ft - 101 | 300 x 500 mm | 12" x 20" | 45 liters | 3 kw |
| Ft - 102 | 400 x 600 mm | 16" x 24" | 78 liters | 4.5 kw |

The above sizes are our standard sizes of High Pressure steam sterilizer, However we are fully capable to cater the demand of any customized size for any special application

UPGRADATIONS

All our above variants are incorporated with Automatic pressure control switch however these variants can be upgraded to Semi automatic & Fully automatic & PLC / HMI Based variants as below.

- **SEMI AUTOMATIC** : Incorporated with Microprocessor based controller (Programmable by user) with digital display of temperature & timer. After achieving 121°c timer starts automatically which is also preset at 20 Minutes (Adjustable). After cycle ends unit gets switch off & steam can be released Manually.
- **FULLY AUTOMATIC** : Incorporated with Microprocessor based controller (Programmable by user) with digital display of temperature & timer Enable reproducibility of results as full cycle including purging of stale air, Sterilizing hold time, Cycle ends with Automatic exhaust of pressure. Requiring no human intervention

Features (optional)

PLC / HMI
With Printer

STEAM STORAGE
For Fast Cycles

Goley Vertical High Pressure Steam Sterilizer (Wing Nut)



CONSTRUCTION

- Triple chamber construction
- Inner chamber & outer chamber made of heavy gauge stainless steel 304 grade
- Lid, Support rings, Support legs made up of heavy gauge stainless steel 304 grade
- Wing Nut Type locking system.
- Incorporated with Pressure gauge, Dual Safety valve, Water inlet & outlet device, Steam release valve
- Water level indication with stainless steel enclosure for safety of glass tube.
- Specially designed ISI marked energy efficient stainless steel heaters.
- Vacuum breaker is also provided to break vacuum in case of power failure
- Low Water Cut off Device (Optional)
- Seamless silicon grade gasket
- Pressure adjustable from 5 psi to 20 psi
- To work on 220/230V, 50 Hz, Single Phase



| Variant | Size of inner chamber (mm) | Size of inner chamber (inches) | Capacity in liters | Heating load |
|----------|---------------------------------|-----------------------------------|-----------------------|-----------------|
| Ft - 151 | 300 x 500 mm | 12" x 20" | 45 liters | 3 kw |
| Ft - 152 | 400 x 600 mm | 16" x 24" | 78 liters | 4.5 kw |

The above sizes are our standard sizes of High Pressure steam sterilizer, However we are fully capable to cater the demand of any customized size for any special application

UPGRADATIONS

- **SEMI AUTOMATIC** : Incorporated with Low Water Cut Off Device, Microprocessor based controller (Programmable by user) with digital display of temperature & timer. After achieving 121°c timer starts automatically which is also preset at 20 Minutes (Adjustable). After cycle ends unit gets switch off & steam can be released Manually.
- **FULLY AUTOMATIC** : Incorporated with Low Water Cut Off Device, Microprocessor based controller (Programmable by user) with digital display of temperature & timer Enable reproducibility of results as full cycle including purging of stale air, Sterilizing hold time, Cycle ends with Automatic exhaust of pressure. Requiring no human intervention During The Sterilization Process.

Features (optional)

PLC / HMI
With Printer

STEAM STORAGE
For Fast Cycles

Goley Vertical Laboratory Autoclave



CONSTRUCTION

- Double chamber construction
- Inner chamber , outer chamber, Lid, Support rings, Support legs made up of heavy gauge stainless steel 304 grade
- Hi-tech stainless steel 304 grade radial lock locking mechanism for ultimate ease of operation and safety, Paddle lifting arrangement
- Incorporated with Pressure gauge, automatic pressure control switch , Mechanical timer device, Buzzer, Safety valve, Water outlet device, Steam release valve.
- Specially designed ISI marked energy efficient stainless steel heaters
- Low water cut off device which protects the heaters from running dry.
- Vacuum breaker is also provided to break vacuum in case of power failure
- Inner stainless steel 304 grade perforrated basket
- Seamless silicon grade gasket.
- Pressure adjustable from 5 psi to 20 psi
- To work on 220/230V, 50 Hz, Single Phase
- Working temperature 121° c, However as per requirement it can be upgraded upto 134° c



| Variant | Size of inner chamber (mm) | Size of inner chamber (inches) | Capacity in liters | Heating load |
|----------|------------------------------|--------------------------------|--------------------|--------------|
| Ft - 301 | 300 x 500 mm | 12" x 20" | 45 liters | 3 kw |
| Ft - 302 | 350 x 550 mm | 14" x 22" | 60 liters | 3 kw |
| Ft - 303 | 400 x 600 mm | 16" x 24" | 78 liters | 4.5 kw |
| Ft - 304 | 450 x 600 mm | 18" x 24" | 90 liters | 6 kw |
| Ft - 305 | 550 x 750 mm | 22" x 30" | 160 liters | 6 kw |

The above sizes are our standard sizes of Laboratory Autoclave, However we are fully capable to cater the demand of any customized size for any special application

UPGRADATIONS

- **SEMI AUTOMATIC** : : Incorporated with Microprocessor based controller (Programmable by user) with digital display of temperature & timer. After achieving 121 degree timer starts automatically which is also preset at 20 Minutes (Adjustable). After cycle ends unit gets switch off & steam can be released Manually.
- **FULLY AUTOMATIC** : Incorporated with Microprocessor based controller (Programmable by user) with digital display of temperature & timer Enable reproducibility of results as full cycle including purging of stale air, Sterilizing hold time, Cycle ends with exhaust of pressure is automatically. Requiring no human intervention

Features (optional)

PLC / HMI
With Printer

STEAM STORAGE
For Fast Cycles

Water Level
Indicator

Vertical Autoclave Goley Plus Smart Series



CONSTRUCTION

- Double chamber construction, Wing Nut Type locking system
- Inner & Outer Chamber made up of heavy gauge stainless steel 304 grade
- Incorporated with Microprocessor based controller (Programmable by user) with Dual display of temperature & timer, Pressure gauge, Safety valve, Water outlet device, Steam release valve.
- Low water cut off device which protects the heaters from running dry.
- Specially designed ISI marked energy efficient stainless steel heaters.
- Seamless silicon grade gasket
- Pressure adjustable from 5 psi to 20 psi
- To work on 220/230V, 50 Hz, Single Phase
- Working Temperature 121°c However as per requirement it can be upgraded upto 134°c



| Variant | Size of inner chamber (mm) | Size of inner chamber (inches) | Capacity in liters | Heating load |
|------------|------------------------------|--------------------------------|--------------------|--------------|
| Ft - 201-A | 300 x 500 mm | 12" x 20" | 45 liters | 3 kw |

UPGRADATIONS

- **FULLY AUTOMATIC** : Incorporated with Microprocessor based controller (Programmable by user) with digital display of temperature & timer. Enable reproducibility of results as full cycle includes purging of stale air, Sterilizing hold time, Cycle ends with Automatic exhaust of pressure. Requiring no human intervention

Vertical Autoclave Goley Plus

CONSTRUCTION

- Double chamber construction, Wing Nut Type locking system
- Inner chamber & outer chamber made of heavy gauge stainless steel 304 grade
- Lid, Support rings, Support legs made up of heavy gauge stainless steel 304 grade
- Incorporated with Pressure gauge, Dual Safety valve, Water inlet & outlet device, Steam release valve
- Specially designed energy efficient stainless steel heaters.
- Seamless silicon grade gasket
- Pressure adjustable from 5 psi to 20 psi
- To work on 220/230V, 50 Hz, Single Phase



| Variant | Size of inner chamber (mm) | Size of inner chamber (inches) | Capacity in liters | Heating load |
|------------|------------------------------|--------------------------------|--------------------|--------------|
| Ft - 201-A | 300 x 500 mm | 12" x 20" | 45 liters | 3 kw |

Vertical Economy Autoclave 12" x 20" Ft - 203

CONSTRUCTION

- Double chamber construction, Wing Nut Type locking system
- Inner chamber & outer chamber made of heavy gauge stainless steel 202 grade
- Support ring is made of cast aluminium dully polished
- Lid is made of 202 Grade stainless steel with cast aluminium Support Ring
- Incorporated with Pressure gauge, Dual Safety valve, Water outlet device, Steam release valve
- Specially designed energy efficient heaters. With electric load 2 Kw
- Seamless EPDM grade gasket
- Pressure adjustable from 5 psi to 15 psi
- To work on 220/230V, 50 Hz, Single Phase

Vertical Economy Plus Autoclave 12" x 20" Ft - 204

- The construction and specifications is same as per Ft - 203 but comes with stainless steel 202 grade lid .

Portable Semi Automatic Autoclave

GOLEY Portable Autoclaves are provided with customized micro processor PID controller with dual digital display of time & temperature. These user friendly autoclaves require the user to just pour water, load material & press start; rest of the process is taken care by the customized controller

Applications :

GOLEY Portable Automatic Autoclaves with Digital Display are ideal for Doctors especially Dentists, Ophthalmic Surgeons, Polyclinics, Small Nursing Homes, R & D, Laboratories and as a stand by unit

CONSTRUCTION & FEATURES

- Hassle free - preset automatic (electronically controlled) - with auto switch off.
- Can be safely kept in air-conditioned clinics.
- Low power consumption
- Extra safety with dual safety valves
- A seamless (joint less) stainless steel 304 grade body provides a sturdy and tension free Autoclave..
- Simple and easy cooker type "Press & turn" system of closing lid. Faster and more convenient than wing nut assembly.

| Variant | Size of inner chamber (mm) | Size of inner chamber (inches) | Capacity in liters | Heating load |
|---------|------------------------------|--------------------------------|--------------------|--------------|
| Ft - 21 | 300 x 300 mm | 12" x 12" | 20 liters | 2 kw |
| Ft - 22 | 350 x 300 mm | 14" x 12" | 25 liters | 2 kw |

UPGRADATIONS

- **FULLY AUTOMATIC** : Incorporated with Microprocessor based controller (Programmable by user) with digital display of temperature & timer Enable reproducibility of results as full cycle including purging of stale air, Sterilizing hold time, Cycle ends with exhaust of pressure is automatically. Requiring no human intervention

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STERILIZERS



Goley Portable Autoclaves

All our portable autoclaves comes with seamless construction & are incorporated with 2.5" Pressure gauge, Dual safety valve, Steam release valve, Vacuum release valve.

Aluminium Autoclave wing nut type

| | |
|---------------------|--|
| Specifications | Deep Drawn Seamless Aluminium Base with cast aluminium Lid |
| Size (Dia x height) | 300 x 300 mm (12" x 12") 21 Liters 300 x 375 mm (12" x 15") 26 Liters |
| Finish | Mirror Finish |
| Electric Load | 2 Kw Kettle Type |
| Power Source | 220V, 50Hz, Single Phase |
| Optional | Electric / Non Electric |



Stainless Steel Autoclave wing nut type

| | |
|---------------------|--|
| Specifications | Deep Drawn Seamless Stainless steel Base with cast aluminium Ring & Lid made of Stainless steel & Cast aluminium |
| Size (Dia x height) | 300 x 300 mm (12" x 12") 21 Liters 300 x 375 mm (12" x 15") 26 Liters |
| Finish | Mirror Finish |
| Electric Load | 2 Kw Kettle Type |
| Power Source | 220V, 50Hz, Single Phase |
| Optional | Electric / Non Electric |



Stainless Steel Autoclave Cooker type

| | |
|---------------------|--|
| Specifications | Deep Drawn Seamless Stainless steel Base & Lid |
| Size (Dia x height) | 250 x 250 mm (10" x 10") 10 Liters 300 x 300 mm (12" x 12") 20 Liters 350 x 300 mm (14" x 12") 25 Liters 300 x 500 mm (12" x 20") 40 Liters |
| Finish | Mirror Finish |
| Electric Load | 2 Kw Kettle Type |
| Power Source | 220V, 50Hz, Single Phase |
| Optional | Electric / Non Electric |



Dressing Drums for Autoclaves

| | |
|----------------|---|
| Specifications | Seamless Stainless Steel 304 Grade Drums |
| Size | 9" x 9" 11" x 9" 11" x 4.5" 11" x 18" 15" x 12" |



Quality

Engineered with People in Mind

We work to keep our autoclaves state of the art. The components we use are of highest quality. Our autoclaves comply with the strictest international standards. A Goley autoclave is built to last longer and perform consistently. Our machines are engineered with careful attention to detail and with people in mind.

Safety

Safety is Our Top Priority

When it comes to the design of our steam sterilizers, protecting staff and patients is our first concern. Multi - level safety features prevent accidents and keep the autoclave running without downtime. A Goley autoclave is a safe autoclave

Flexibility

Innovative Solutions that Suit Your Needs

The wide range of models and options we offer, take our sterilizers a step ahead. In addition, Goley autoclaves can be customized to meet your facility's unique needs.

With an ideal combination of Quality, Safety and Flexibility Goley autoclaves are the most advanced, dependable and easy to use sterilizers available today.

Fairdeal Traders

Corp. Office

14 A, Kanshi Nagar,
Model Town,
Ambala City - 134 003
Haryana (India)

Works

Plot No. 261, HSIIDC,
Phase - 1, Sector - 2,
IGC, SAHA - 133 104
(Dist. Ambala) Haryana

Contact

Ph.:0171-2520016
Mob:9416020016
9254020200
9896017105

E-mail

info@fairdealtraders.com,
sales@fairdealtraders.com

Website

www.fairdealtraders.com

We reserved the right to change the price, design and specifications for the improvement of instrument.