The Rodwell Autoclave Company

Autoclave Range

Why do you need an autoclave?

Autoclaves play a central role in the efficient, day-to-day running of any laboratory. They use high-pressure saturated steam to kill bacteria, viruses, and other pathogens on items that need to be completely free of any microbial life. Without an autoclave, a lab cannot reliably prevent contamination, compromising safety, research integrity, and regulatory compliance.

What should you look for when specifying an autoclave?

Choosing the right autoclave means balancing performance, efficiency, and long-term value. As well as your current needs, it's important to consider ongoing requirements to future-proof your investment. Reliability is essential to withstand the demands of daily use and to ensure confidence that your autoclave will continue to meet – and exceed – your expectations for years to come.

Why choose Rodwell?
Built to last. Designed to perform.

Rodwell autoclaves are built in the UK by experienced engineers, using premium materials and cutting-edge technology. With a complete range from compact benchtop units to large capacity floor-standing models, each autoclave is custom built to your individual requirements, delivering unmatched durability and performance, low running and maintenance costs and intelligent diagnostics for fast fault resolution, supported by a network of dedicated service and calibration engineers.

Rodwell autoclaves are installed in composite shops, laboratories, universities, research centres, and healthcare facilities around the world, and are recognised and trusted for their reliability, performance, and uncompromising quality.

The Rodwell Autoclave Company is dedicated to ensuring the highest standards of product innovation, quality, safety, reliability and customer support – cycle after cycle, year after year.

Rodwell Engineering Group Ltd

Family business founded in 1945

Sustainability built in

At the heart of our design philosophy is a commitment to sustainability and long-term value. Every autoclave we manufacture is built to deliver reliable performance while minimising environmental impact.

Reliability and longevity

Our autoclaves are engineered to last for decades. With dedicated service engineers and low maintenance requirements, our customers enjoy dependable operation and reduced replacement costs – a truly sustainable investment.

Energy and water efficiency

Each system is designed for optimal energy and water efficiency, reducing both running costs and environmental impact throughout the machine's lifetime.

Responsible manufacturing

We're proud to manufacture in-house, ensuring full control over quality and sustainability at every stage. Any outsourced processes are carried out locally, supporting UK industries and reducing our carbon footprint.

Low carbon footprint materials

All materials are sourced within the UK, local to Rodwell's manufacturing facility wherever possible, minimising transport emissions and ensuring the highest environmental standards.

Tailored for efficiency

Every machine is matched and manufactured to each customer's specific requirements. This bespoke approach ensures that every autoclave operates at peak efficiency for its intended application – saving time, money, energy, and water.

Compact Autoclaves (Round Chambers)

Phoenix Benchtop

Design Features
- 40 or 60 litres
- MP25 Control (see page 8)
- Space-saving design
- Single phase 'plug in and play'
- Integral drip tray under each door
- Bench or trolley mounted
- Phoenix 40 has capacity for up to 13 x 1L media bottles
- Can be completely stand alone

Optional Accessories
- Fan accelerated cooling
- Loading baskets
- Waste discard system
- Condense collector (eliminates need for a plumbed drain service)
- Range of data recording options
- Scale prevention systems
- Automatic fill
- Vacuum air removal systems

Capacities and Dimensions		
Model	**Phoenix 40**	**Phoenix 60**
Chamber Capacity:	40 litres	60 litres
Vessel Dimensions (mm):	350Ø x 460 deep	350Ø x 600d deep
Overall Dimensions (mm):	550w x 790h x 710d	550w x 790h x 860d

Monarch

Design Features
- 50 or 75 litres
- Counterbalanced lid for easy opening
- MP25 control (see page 8)
- Angled control panel
- Space-saving design
- Exceptionally low loading height (50)
- Fits most fermentation vessels and bioreactors (75)

Optional Accessories
- Fan accelerated cooling
- Additional loading baskets
- Condense collector (eliminates need for a plumbed drain service)
- Waste discard system
- Range of data recording options
- Automatic fill
- Vacuum air removal systems

Monarch 50 Features
- Designed to fit underneath a standard bench
- Single phase 3kw 'plug in and play'

Monarch 75 Features
- Fits up to 3 loading baskets
- Powerful 4kw heater

Capacities and Dimensions		
Model	**Monarch 50**	**Monarch 75**
Chamber Capacity:	50 litres	75 litres
Vessel Dimensions (mm):	350Ø x 520 deep	350Ø x 780 deep
Overall Dimensions (mm):	470w x 840h x 690d	470w x 1100h x 690d

Medium Capacity Autoclaves

Ensign

Design Features
- 100 and 125 litres
- MP25 control (see page 8)
- Space-saving design
- Counterbalanced lid for easy opening
- Available in electrically heated version or from a piped steam source

Formats
1) 6 kW in-chamber heating (100)
2) 9 kW in-chamber heating (100 and 125)
3) Heated from an external steam supply
4) Remote steam heated with generator

Optional Accessories
- Fan accelerated cooling
- Hydraulic loading trolley
- Air ballasting option
- Loading baskets
- Waste discard system
- Drain line condenser for plastic drains
- Range of data recording options
- Scale prevention systems
- Automatic fill
- Vacuum air removal systems

Capacities and Dimensions		
Model	**Ensign 100**	**Ensign 125**
Chamber Capacity:	100 litres	125 litres
Vessel Dimensions (mm):	460Ø x 570 deep	460Ø x 723 deep
Overall Dimensions (mm):	560w x 1090h x 800d	560w x 1240h x 800d* 560w x 1240h x 1100d**
*Without loading step **With loading step		

Ambassador

Design Features
- 100 or 158 litre variants
- MP25 control (see page 8)
- Cost effective hinge / bolt door
- Space-saving design
- Integral drip tray under door
- Fixed seal

Formats
1) 6 kW in-chamber heating (100)
2) 9 kW in-chamber heating (100 and 158)
3) Heated by an integrated 9kW steam generator
3) Heated from an external steam supply
4) Double door "pass through" version available (158L)

Optional Accessories
- Fan accelerated cooling
- Loading trolley
- Air ballasting option
- Loading baskets
- Waste discard system
- Drain line condenser for plastic drains
- Range of data recording options
- Scale prevention systems
- Automatic fill
- Vacuum air removal systems
- Integrated steam generator

Capacities and Dimensions		
Model	**Ambassador 100**	**Ambassador 158**
Chamber Capacity:	100 litres	158 litres
Vessel Dimensions (mm):	460Ø x 610 deep	460Ø x 960 deep
Overall Dimensions (mm):	650w x 1240h x 1160d	650w x 1240h x 1310d

Large Capacity Autoclaves (Round Chambers)

Gemini

Totally Unique: Two independent autoclaves in one robust frame!

Design Features
- 2 x 158 litre vessels
- 316 litre total capacity
- MP25 control (see page 8)
- Independent control of each chamber
- Space-saving design
- Can be used as a clean and dirty autoclave in one frame
- Integral drip tray under each door
- Available in electrically heated version or from a piped steam source
- Integrated steam generator available

Optional Accessories
- Fan accelerated cooling
- Hydraulic loading trolley
- Air ballasting option
- Loading baskets
- Waste discard system
- Drain line condenser for plastic drains
- Range of data recording options
- Scale prevention systems
- Automatic fill
- Vacuum air removal systems

Capacities and Dimensions	
Model	**Gemini 316**
Chamber Capacity:	158 litres x 2
Vessel Dimensions (mm):	460Ø x 960 deep (x2)
Overall Dimensions (mm):	650w x 1970h x 1310d

Sovereign

Design Features
- 200 and 250 litre variants
- Economy round chamber
- MP25 control (see page 8)
- Cost effective hinge / bolt door
- Space-saving design
- Integral drip tray under door
- Available in electrically heated version or from a piped steam source
- Fixed seal
- Integrated steam generator available

Formats
1) Heated from within the chamber
2) Integral steam generator separate from the chamber
3) Heated from an external steam supply
4) Remote steam heated with generator back-up

Optional Accessories
- Fan accelerated cooling
- Loading trolley
- Air ballasting option
- Loading baskets
- Waste discard system
- Drain line condenser for plastic drains
- Range of data recording options
- Scale prevention systems
- Automatic fill
- Vacuum air removal systems

Capacities and Dimensions		
Model	**Sovereign 200**	**Sovereign 250**
Chamber Capacity:	200 litres	250 litres
Vessel Dimensions (mm):	545Ø x 860 deep	545Ø x 1057 deep
Overall Dimensions (mm):	830w x 1800h x 1450d	830w x 1800h x 1450d

Large Capacity Autoclaves
(Square Chambers)

Crystal

Design Features
- 300 litres
- Square section chamber
- MP25 control (see page 8)
- Cost effective hinge / bolt door
- Space-saving design
- Integral drip tray under door
- Available in electrically heated version or from a piped steam source
- Fixed seal
- Integrated steam generator
- Fan accelerated cooling

Optional Accessories
- Loading trolley
- Air ballasting option
- Loading baskets
- Waste discard system
- Drain line condenser for plastic drains
- Range of data recording options
- Scale prevention systems
- Automatic fill
- Vacuum air removal systems

Formats
1) Integral steam generator separate from the chamber
2) Heated from an external steam supply
3) Remote steam heated with generator back-up
4) Double door "pass-through" version available

Capacities and Dimensions	
Model	**Crystal 300**
Chamber Capacity:	300 litres
Vessel Dimensions (mm):	510w x 510h x 1030d
Overall Dimensions (mm):	830w x 1800h x 1450d

Sapphire

Design Features
- 330, 440, 550, 660 and 770 litre variants
- Square section chamber
- MP25 control (see page 8)
- Reliable 'Hoist and Clamp' door
- Fixed seal
- Integral drip tray under door
- Accelerated water cooling jacket
- Compact
- Integrated steam generator
- Super fast cycle times!

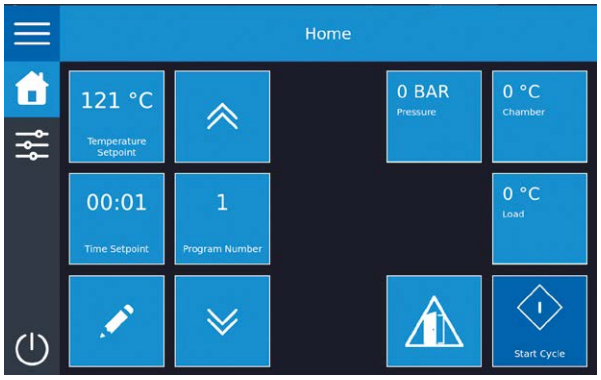
Optional Accessories
- 15 min. 'flash cycle' option
- Loading trolley
- Air ballasting option
- Loading baskets
- Waste discard containers
- Drain line condenser for plastic drains
- Range of data recording options
- Scale prevention systems
- Steam jacket drying
- Vacuum air removal systems

Formats
1) Integral steam generator separate from the chamber
2) Heated from an external steam supply
3) Remote steam heated with generator back-up
4) Double door "pass-through" version available (550, 660 and 770)

Capacities and Dimensions					
Model	**Sapphire 330**	**Sapphire 440**	**Sapphire 550**	**Sapphire 660**	**Sapphire 770**
Chamber Capacity:	330 litres	440 litres	550 litres	660 litres	770 litres
Vessel Dimensions (mm):	670w x 670h x 745d	670w x 670h x 936d	670w x 670h x 1099d	670w x 670h x 1274d	670w x 670h x 1455d
Overall Dimensions (mm):	980w x 1930h x 1530d	980w x 1930h x 1530d	980w x 1930h x 1530d	980w x 1930h x 1750d	980w x 1930h x 1900d

Control Systems

For over two decades, the Rodwell Autoclave Company has relied on the classic MP25 controller, a trusted workhorse that has been a staple in our autoclaves. Its reliability and performance have made it a common feature across our entire range of machines. However, as technology advances, we are now excited to introduce the TS26 – our cutting-edge touchscreen control system. The TS26 brings a new level of precision, usability, and connectivity to laboratory sterilisation. With its intuitive interface, data logging, and programmable cycles, the TS26 makes operating your autoclave simpler and smarter than ever before. Built with the same Rodwell reliability you know and trust, it represents the next generation of autoclave control – designed for the demands of modern laboratories. Whether you're looking at the MP25 or the TS26, both systems will fully meet all of your requirements whilst promising reliability and functionality.



New TS26 Controller

The TS26 offers everything the classic MP25 does, and more

26 programs
Can be programmed and stored by the Laboratory Supervisor

Multi User Accounts Login
Allows users of differing levels to login with a PIN code

Wi-Fi Connectivity
Wireless connectivity allows remote support access as well as file saving directly to the cloud

Improved Delayed Start
Timer option allows the autoclave to be pre-programmed at a pre-determined time and date so the autoclave completes a cycle just before the lab arrives for work the following morning for pre-prepared warm media

Cloud-based or USB Memory Logging
As well as real time analysis of data, all logs can be stored directly to the cloud, or downloaded to a USB stick. The data can then be transferred to a PC for analysis on our SmartLog™ Software

Real Time Analysis
Whereas in the past data had to be downloaded prior to analysis, with the TS26 cycle data can be examined in real time including a full graphical profile

Classic MP25 Standard Features

25 programs
Can be programmed and stored by the Laboratory Supervisor

Smart card access system
- Allows programs to be stored and locked off by a supervisor
- Operator cards give access to pre-programmed cycles only
- Available with or without operator smartcard access for operator access

Load Activated Sterilise timer
(On/Off) prevents the sterilise timer from starting until the chamber and load have reached set point temperature

Free steam timer (adjustable by time)
Holds the chamber at approximately 100°C (without pressurising) for a pre-determined time during the heating period and allows effective steam penetration into the load

Delayed Start (24 hour clock)
Timer option allows the autoclave to be pre-programmed at a pre-determined time so the autoclave completes a cycle just before the lab arrives for work the following morning for pre prepared warm media

Adjustable Stay Warm (on/off)
Keeps the chamber warm at the end of the cycle for pourable media. This is adjustable to allow the operator to select the optimum temperature

Instrument Cycles (programs 21 to 24 only)
Exhausts the chamber at the end of the cycle for dryer glassware and instruments upon completion

Self-Diagnostic
Notifies the operator of any faults. The nature of many faults is clearly displayed on the LCD

Sterilise Fault Warning
Notifies the operator if there has been a power supply problem or the temperature has not been maintained during the cycle

USB SmartLog™ System

The MP25 *SmartLog* system from The Rodwell Autoclave Company is revolutionising the way that autoclave cycle data is collected and analysed. In the past data collection would have been carried out by use of a data printer, which meant regular paper re-fills, replacement ink ribbons and reams of paper reports accumulating on the laboratory manager's desk. Now with our *SmartLog* and *SmartLog+* systems instead of large bulky chart recorders, or paper printers, every cycle is automatically stored to memory, which can then be downloaded and analysed in our *SmartLog* software.

Complete Package

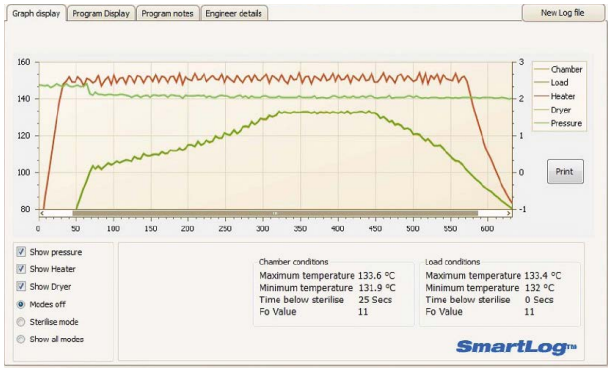
The *SmartLog* system, comprises a specially adapted USB memory stick and our SmartLog software package. When connected to our MP25 controller, each time a cycle is carried out, all the cycle information is stored directly to the memory stick. The data files can then be downloaded to the PC for analysis at a later date. The software offers quick and easily analysis identifying any problems which may have occurred during the run. Need something tangible to show auditors? *SmartLog* can generate a comprehensive customisable report which only has to be printed as and when required for audit purposes. As well as basic time and temperature sampling as with traditional data printers, a complete cycle temperature profile is also displayed giving a graphic representation of the entire cycle. The graph offers various visual options enabling the user to view only what they wish to see. This includes custom probe views, different cycle stages, drying and pressure displays, graphical zoom for more detailed analysis as well as F0 values for food testing laboratories.

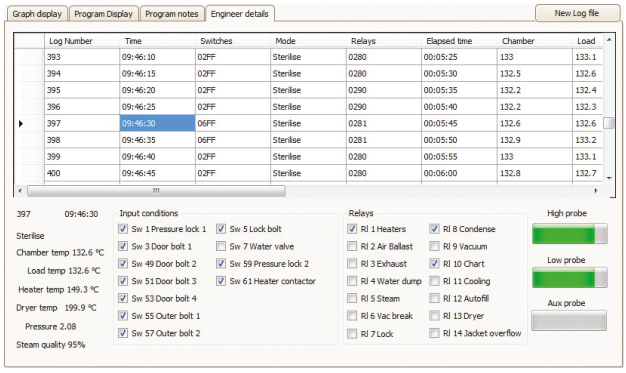
Traceability

As per the requirements of CFR21 Part 11, the software data cannot be tampered with so the system is fully suitable for traceability purposes. The data can also be exported to spreadsheets if required.

Diagnostic Support

When choosing an autoclave, the back up service is the most serious consideration. With the *SmartLog* diagnostic features, this package could rapidly become the laboratory manager's best friend. The Engineer's details tab, enables a quick and comprehensive overview of the autoclaves' technical functions, saving the engineer lots of troubleshooting time, and reducing overall downtime. In addition the *SmartLog* software enables users to email cycle files directly to Rodwell technical support, where we can analyse any file on our diagnostic computer giving any user or service agent the benefit of Rodwell technical back up without even being there! This service is completely unique to Rodwell and is all part of our quality after sales care.





Composite Autoclaves – DWELL 280 Pro

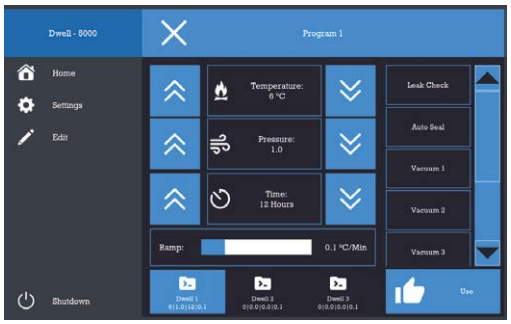
Design Features

- Exceptionally competitively priced
- Externally lagged 316 Stainless Steel chamber for maximum space and highest thermal efficiency
- Thermal Mass Stability, derived from scientific control essential for delicate tooling
- Simple Plug and Play design
- SmartLog data logging with auto-send function
- Easy to use iPT (intelligent process touchscreen control)
- Suitable for small to medium size facilities as a workhorse autoclave and large organisations for efficient processing of smaller items
- Simple yet effective design and bolt closure
- Established after-sales care network
- Continuous vacuum for assured consolidation with up to 4 independent ports, all alarmed for any vac leak
- Simple reliable bolt closure system
- Chamber and load sensors for accurate process control and cross-referencing
- Completely programmable temperature, pressure and dwell period with 5 possible memory sets
- Program Interrupt possible
- Caster mounted for ease of positioning, installation and portability
- Vacuum Leak Alarm

Options

- Exceptionally competitively Built-in self contained Hydrovane compressor
- Dual Mains air fed with automatic compressor back up should mains air fail
- Reusable ramped packing case for efficient relocate-ability (racing teams)

Intelligent Touchscreen Process Controller



Capacities and Dimensions		
Model	**Dwell 280**	**(with compressor)**
Autoclave Weight	450kg	520kg
Packed Weight	600kg	670kg
Export Case Size	1000w x 1970h x 1800d	
Overall Dimensions	830w x 1800h x 1500d	
Chamber Dimensions	545 dia x 1200d	
Chamber Volume	280 litre	
Door Swing	700	
Shelf Width	450	
Maximum Width	540	
Usable Height	410	

Portaclave Portable Autoclaves

Specifications for:

ST1528E ST2228E ST3028E ST1528V ST2228V ST3028V

Design Features

- 15, 22 or 30 litres
- Manual or Vario digital Controller
- Robust space saving design
- Single phase 'plug and play'
- Compact and fully portable
- No plumbing needed
- Minimal Maintenance
- Grade 316 stainless steel chamber
- Suitable for Culture Media

Vario Controller

- Variable Temperature 100°C–121°C
- Variable Time: 1–99 minutes
- Preset Cycles:
  - 30mins @ 115°C
  - 15mins @ 121°C
  - 30 mins @ 121°C
  - 60 mins @ 115°C

Capacities and dimensions			
Model Name	**Portaclave 15E**	**Portaclave 22E**	**Portaclave 30E**
Model No.	ST1528E	ST2228E	ST3028E
Capacity	15L	22L	30L
Autoclave Weight	19kg	21kg	23kg
Export Case Size	470w x 680h x 470h	470w x 880h x 470h	470w x 880h x 470h
Overall Dimensions	370w x 485h x 390d	370w x 600h x 390d	370w x 730h x 390d
Chamber Dimensions	280 Ø x 245d	280 Ø x 360d	280 Ø x 490d
Water Capacity	2L	2L	2L
1L Media Bottles	4	4	8
Basket Dimensions	240 Ø x 220d	240 Ø x 220d	240 Ø x 440d
Digital Controller	No	No	No

Capacities and dimensions			
Model Name	**Portaclave 15V**	**Portaclave 22V**	**Portaclave 30V**
Model No.	ST1528V	ST2228V	ST3028V
Capacity	15L	22L	30L
Autoclave Weight	19kg	21kg	23kg
Export Case Size	470w x 680h x 470h	470w x 880h x 470h	470w x 880h x 470h
Overall Dimensions	370w x 485h x 390d	370w x 600h x 390d	370w x 730h x 390d
Chamber Dimensions	280 Ø x 245d	280 Ø x 360d	280 Ø x 490d
Water Capacity	2L	2L	2L
1L Media Bottles	4	4	8
Basket Dimensions	240 Ø x 220d	240 Ø x 220d	240 Ø x 440d
Digital Controller	Yes (Vario)	Yes (Vario)	Yes (Vario)

Options and Features Explained

Accelerated Load Cooling Systems

Fan Assisted Cooling *(Available on all models except Sapphire)*
Powerful fans, strategically located, direct a blast of cool air around the chamber which significantly improves cooling times by up to 50%.

Water Cooling *(Sapphire Only)*
The most efficient way of cooling. Cold water passes through a complete water jacket surrounding the autoclave chamber, which rapidly cools the chamber and the load. This system is far more effective than 'cooling coils' fitted to some other autoclaves.

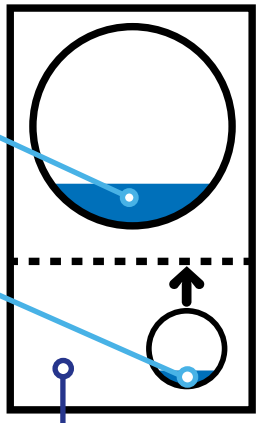
Air Ballasting
Uses compressed air to improve cooling times even further and prevent 'boil-over' and breakages in bottled liquid loads. A silent air compressor and carbon filter pack (for an oil-free supply) can be provided if there is no compressed air supply in the laboratory.

Heating Systems Diagram

Heating Systems
In-chamber electric steam heating generates steam from within a water compartment in the bottom of the chamber below the shelf.

Electrically Heated by separate steam generator (boiler) (Available on Ambassador, Gemini, Sovereign, Crystal and Sapphire)
Steam is generated by means of a steam generator mounted below the autoclave chamber. This includes a high pressure inlet pump which automatically tops up the steam generator during the cycle.

Pre-Heated steam generator
This works on a similar principle as above, except the steam generator remains constantly heated providing instant heating of the chamber when a cycle is started.



The steam generator stands separate from the autoclave for top loading models.

More powerful pre-heated steam generators are required for electrically heated liquid vacuum autoclaves.

Direct Steam Heated
Heating by means of a steam inlet valve from an external steam supply. A saturated supply regulated to a pressure of between 35lb and 70lb at 2.62 bar is required (depending on model requirements).

Auto-fill Systems
A water supply is required for automatic fill options. The supply must be fed from a regular mains water supply. A break tank is included within the machine to comply with water regulations.

Manual Fill *(available on all models except Sapphire)*
Basic in-chamber heated autoclaves are manual fill for simplicity. No water supply is required for manual fill machines unless a drain line condenser is specified. The MP25 notifies the operator if the chamber is low on water. The autoclave cannot be started unless the chamber has sufficient water. The chamber is simply topped up with a jug of water.

Auto-fill for in-chamber heating
In-chamber heated autoclaves can be manufactured with a 'top-up system'. If the MP25 senses the chamber is low, it sends a signal to a motorised valve which opens to allow the chamber to be topped up from the water supply.

Auto-drain and Re-fill for in-chamber heating
The chamber dumps all the water from the chamber at the end of the cycle and fills with fresh water when a new cycle is started.

Auto-fill for steam generator models
Note that automatic fill is standard on autoclaves supplied with a separate steam generator.

Water Treatment Systems
An industrial grade electronic scale prevention system alters the physical characteristics of minerals within the inlet water supply so they pass through the autoclave without sticking to the chamber or boiler.

Inlet Water Filter
Industrial grade filter traps most scale and chalk and other large debris from the mains water supply.

Vacuum Air Removal Systems
Typically the key to good sterilisation results is to remove all the air from within the chamber; particularly on waste and porous loads. By adding a vacuum option this ensures that no air pockets remain in the chamber and that the correct temperatures are achieved. Vacuum systems are also an essential element to drying options.

Drain Systems

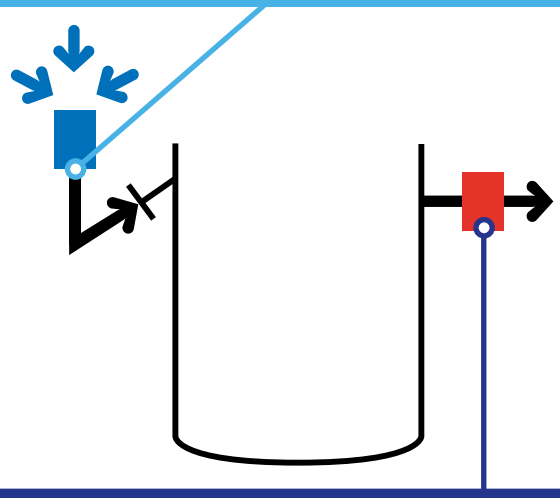
Condense Collector

(Available for manual fill autoclaves only)*
Eliminates the need for a drain service by collecting the condense in a stainless steel container.
**Basic manual fill autoclaves are Phoenix, Monarch, Ensign, Ambassador and Gemini. Not suitable for direct steam autoclaves.*

Drain Line Condenser

This option is required if the autoclave is to be connected to a plastic drain service either directly or indirectly. It works by injecting cold water in to the drain if it reaches temperatures over 50°C. There is also a second type of drain line condenser which works like a mini heat exchange and does not require a water supply.

Vacuum Break and Filter
As the chamber cools a natural vacuum is drawn; therefore a vacuum break can be offered complete with a filter to filter the incoming air being drawn back into the chamber.



Drain Line Filters (HEPA Filters)
Hepa filters are fitted to the autoclave vent to prevent the release of dangerous pathogens into the drain. Rodwell also offers a Hepa filter monitoring system.

Condensate Retention

Some CAT3 effluents are considered too dangerous to discharge immediately, so this waste is retained and sterilised a second time prior to discharge.

Chamber Furniture

A complete range of shelves, containers and discard systems are available to enhance the performance of your autoclave. The Rodwell Autoclave Company' chamber furniture is specifically tailored to maximise space within the chamber. Bespoke furniture can be manufactured on request.

Shelves

Our shelves are manufactured using rigid punched stainless steel capable of taking the heaviest of loads. All front loading units come equipped with one shelf with extra shelves available as optional.

Baskets

Our baskets are manufactured using strengthened grade 316 stainless steel wire mesh for optimum durability. All top loading autoclaves are equipped with one basket as standard with extra baskets available as optional.

Discard Containers and Systems

Laboratory waste must be autoclaved to render it safe prior to disposal. Research has shown that a high efficiency vacuum air removal system is necessary when sterilising waste in solid sided containers with a height of greater than 200mm.

However, The Rodwell Autoclave Company offer a unique patented range of discard containers which allows total efficient sterilisation of laboratory waste without the need for a vacuum system.

Advantages of the Rodwell Waste Discard Container system are:

- Simplifies the autoclave by eliminating the need for a vacuum system.
- Efficient sterilisation of waste by naturally removing air pockets
- Trivet system catches spillages and helps keep the chamber clean for reduced housekeeping.

The Rodwell Waste Discard Container system is available on all models except the Crystal and Sapphire range. For these units standard solid sided containers and vacuum air removal systems are recommended for sterilising waste.

We're here to help…

If you'd like help or advice choosing the right autoclave please get in touch. Our knowledgeable sales people will do their best to guide you toward the choice that is right for your application and budget.

+44 (0) 1268 286646
autoclavesales@rodwellgroup.com

The Best After-Sales Care for your Autoclave

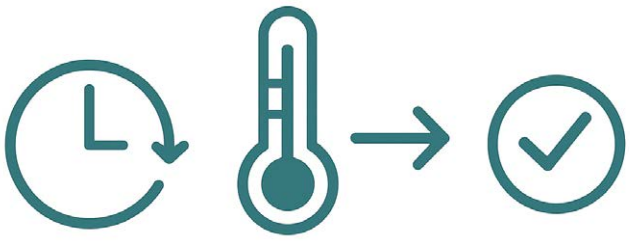
Every Rodwell autoclave is built to the highest standards and designed to deliver many years of reliable performance when maintained by accredited Rodwell engineers. Our service team combines extensive expertise with the latest technical information, working practices, and procedures to keep your equipment operating at its best.

For optimum performance and reliability, trust the experts who know your autoclave best – Rodwell-trained and accredited engineers or approved service agents. Their specialist knowledge and genuine care keep your equipment running at its best, while upholding Rodwell Engineering Group's trusted reputation for quality and durability.

Expertise
Rodwell and their approved service agents offer highly trained technicians with the specialist skills and knowledge to maintain your autoclave to the highest standards. Our engineers follow The Rodwell Autoclave Company's recommendations and ensure your equipment is left in a safe, reliable state of repair. With access to the latest technical information, they know exactly what's needed to keep your autoclave performing at its best.

Specialist Equipment
Every Rodwell engineer is equipped with an extensive range of specialised tools and genuine spare parts, ensuring your autoclave is maintained in a safe and reliable condition. Remember, an autoclave is a high-pressure vessel with door forces of up to 11 tonnes. Entrusting maintenance to non-accredited companies can put safety – and your organisation – at serious risk.

Genuine Parts
Your autoclave is a precision-engineered machine, built from hundreds of components set to exact tolerances for maximum performance and safety. When parts need replacing, insist on genuine Rodwell components. Designed, tested, and manufactured to original specifications and tolerances, every part works seamlessly together to make your trusted Rodwell autoclave.



Calibration
Rodwell offers a comprehensive calibration service using the latest cycle recording equipment. Our processes meet – and often exceed – the most demanding accreditation standards. With unmatched expertise, our engineers can precisely fine-tune your autoclave to ensure optimal performance and compliance.

Please feel free to contact our technical service team with any questions regarding the maintenance of your autoclave, or queries about spare parts.

+44 (0) 1268 286646
autoclaveservice@rodwellgroup.com

Sterilisation Monitoring Products

For use in monitoring steam sterilisation processes.

Bowie and Dick Tests

A Bowie and Dick test is a test for steam penetration in dynamic air removal steam sterilisers. A daily steam penetration test should be run in every autoclave. The colour of the indicator test sheet changes from blue to pink which will confirm that the steam penetration has been effective up to the centre of the sterilisation pack.

B&D test Steam: 134ºC, 3,5min. Conforms to EN-867-4, ISO 11140-1, class 2 Catalogue No. AC980 (Case of 20)

Chemical Indicators

Chemical Process Indicators are self-adhesive labels suitable for application on various types of autoclave load. The label colour indicates at a glance whether or not the product has gone through the sterilisation process, making it easy for sterilisation facilities to ensure that products have been exposed to the sterilisation process. Labels turn from pink to brown after exposure to 121°C for 3-10 mins, or 134°C for 0.5-2 mins. Catalogue No. AC993

Biological Indicators

Fast and no fuss. Rodwell offers regular biological indicators as well as self contained biological indicators. Simply place the SCBI into the autoclave, remove after cycle end, squeeze the side and incubate for 24 hours. A negative result ensures the micro-organism within has been destroyed and guarantees sterility of the process.
Catalogue No. AC984
Catalogue No. AC983 (Glass Ampoules)

Autoclave TST Strips:

The TST (Time, Steam Temperature) strips are a sophisticated sterilisation chemical indicator which can be offered in a type 4, 5 or 6 configuration. The indicators will only register a pass if exposed to the required time, steam and temperature ratio.
Catalogue No. AC981 (Type 4)
Catalogue No. AC981A (Type 5)
Catalogue No. AC981B (Type 6)

Autoclave Tape

Steam Autoclave Tape – Irreversible colour transition from white to dark. Can be written on. 19mm x 50m.
Catalogue No. AC985

For Further information please contact The Rodwell Autoclave Company

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