

MDS
medical
Ltd



MDS Medical Ltd

The Autoclave People

2022

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About us

MDS Medical Ltd are a family run business committed to providing an exceptional and professional level of service to all of our customers.

We work closely with each practice to identify the individual needs and requirements to ensure the correct equipment is supplied. In addition to autoclaves, we can offer a range of high quality products such as RO systems, compressors, ultrasonic baths and more.

MDS Medical provide:

- Servicing
- Repairs
- Maintenance
- Pressure Vessel Inspections
- Written scheme of examination for safety devices
- Calibration certification for all makes of autoclaves
- On-site training sessions and informative talks
- Full validation of dental autoclaves

With a nationwide team of dedicated and qualified service engineers, we aim to meet the service requirements of our customers quickly and efficiently.

In most circumstances we can complete repairs on-site. Should further investigations need to be carried out at our workshop a loan service may be available.

We provide a consistently high standard of customer service and advice and pride ourselves on building long-standing relationships with our clients.

All Autoclaves are fully compliant with MDD 93/42/EEC, BS EN13060 small sterilisers, HTM 01-05 pressure equipment directive 97/23/EC "SEP". Prices exclude VAT

For any additional information contact us

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The MDS Medical B Class 3 Litre autoclave is a compact and cost effective way for sterilisation in the beauty, tattoo and piercing industries.

This touch screen autoclave enables a very fast turn around due to its quick cycle.

Features

- Class B Autoclave
- Touch screen display
- Quick cycle
- Easy to maintain
- Printer & SD Card
- Sterilising temperature 121°C/134°C
- Wrapped or unwrapped



Technical Information

| Size (L x W x H): | Tray Size (W x L): | Internal: | Class: | Weight: | Volume: | Power: |
|-------------------|--------------------|-----------------------|-------------------|---------|----------|-------------------|
| 555 x 286 x 244mm | 130 x 255mm | 303 deep x 195 x 78mm | Class B Autoclave | 24kg | 3 Litres | 1.7Kw 220V / 50Hz |

£1,500 + VAT

The MDS Medical B class 8 Litre autoclave is a compact and cost effective way for sterilisation in the Chiropody, Podiatry, Tattoo and piercing industries.

This autoclave enables a fast turn around for sterilising the instruments. The machine also offers ease of traceability and cycles due to its built in printer and USB functionality.

In addition to this we can provide the optional extra of our data management system.

Features

- Class B Autoclave
- Adjustable sterilising time
- Quick cycle
- Easy to maintain
- Printer & USB
- LCD display
- Sterilising temperature 121°C/134°C
- Wrapped or unwrapped



Technical Information

| Size (L x W x H): | Tray Size (W x L): | Internal: | Class: | Weight: | Volume: | Power: |
|-------------------|--------------------|--------------------|-------------------|---------|----------|-------------------|
| 580 x 430 x 355mm | 130 x 255mm | 320 deep x 170mm Ø | Class B Autoclave | 34kg | 8 Litres | 1.7Kw 220V / 50Hz |

£1,750 + VAT

The convenient and economical Dentalclave is designed specifically for rapid sterilisation of dental hand pieces. This is a compact autoclave which will easily slot into any decontamination room. This Dentalclave has a very fast cycle time of 10 minutes*

In addition to this we can provide the optional extra of our data management system.

Features

- Class B Autoclave
- Quick cycle
- B&D Test and Helix Test
- Easy to maintain
- Printer & USB
- LCD Display
- Sterilising temperature 121°C/134°C
- Wrapped or unwrapped
- Specifically designed for the rapid sterilisation of dental equipment & handpieces.



Technical Information

| Size (L x W x H): | Tray Size (W x L): | Internal: | Class: | Weight: | Volume: | Power: |
|-------------------|--------------------|--------------------|-------------------|---------|----------|-------------------|
| 580 x 430 x 355mm | 130 x 255mm | 320 deep x 170mm Ø | Class B Autoclave | 34kg | 8 Litres | 1.7Kw 220V / 50Hz |

£2,100 + VAT

*depending on load & cycle chosen

The convenient and economical 12L Dentalclave is designed specifically for rapid sterilisation for a variety of dental instruments. This is a compact autoclave which will easily slot into any decontamination room.

New Tray Design

Our new trays have been specifically designed to allow dentists to sterilise larger sets of instruments easily.

Size: 280mm(L) x 180mm(W) - This is the equivalent of our MDS 18 Litre chamber trays.



Features

- Class B Autoclave
- Quick cycle
- B&D Test and Helix Test
- Easy to maintain
- Printer & USB

- LCD display
- Sterilising temperature 121°C/134°C
- Wrapped or unwrapped
- Designed for the rapid sterilisation of dental equipment & hand pieces.
- Large tray capacity

Technical Information

| Size (L x W x H): | Tray Size (W x L): | Internal: | Class: | Weight: | Volume: | Power: |
|-------------------|--------------------|--------------------|-------------------|---------|-----------|-------------------|
| 580 x 430 x 355mm | 160 x 285mm | 330 deep x 200mm Ø | Class B Autoclave | 37kg | 12 Litres | 1.7Kw 220V / 50Hz |

£2,500 + VAT

The MDS Medical B class 12 Litre autoclave is a compact and cost effective way for sterilisation particularly in Chiropody and Podiatry practices.

This autoclaves enables a fast turn around of sterilising the instruments. The machine also offers ease of traceability and cycles due to its built in printer and USB functionality.

In addition to this we can provide the optional extra of our data management system.

Features

- Class B Autoclave
- Quick cycle
- Easy to maintain
- Printer & USB
- Sterilising temperature 121°C/134°C
- Wrapped or unwrapped



Technical Infomation

| Size (L x W x H): | Tray Size (W x L): | Internal: | Class: | Weight: | Volume: | Power: |
|-------------------|--------------------|--------------------|-------------------|---------|-----------|-------------------|
| 580 x 430 x 355mm | 160 x 285mm | 330 deep x 200mm Ø | Class B Autoclave | 37kg | 12 Litres | 1.7Kw 220V / 50Hz |

£1,950 + VAT

The MDS Medical B class 18 Litre autoclave contains high quality components to combine both speed and reliability. This autoclave will comfortably withstand the demands of todays clinic enviroment. This autoclave enables a fast turn around of sterilising the instruments.

The 5 button LCD display provides ease of use. The machine also offers ease of traceability and cycles due to its built in printer and USB functionality.

In addition to this we can provide the optional extra of our data management system.

Features

- Class B Autoclave
- Quick cycle
- B&D Test and Helix Test
- Easy to maintain
- Printer & USB
- LCD display
- Sterilising temperature 121°C/134°C
- Wrapped or unwrapped



Technical Infomation

| Size (L x W x H): | Tray Size (W x L): | Internal: | Class: | Weight: | Volume: | Power: |
|-------------------|--------------------|--------------------|-------------------|---------|-----------|-------------------|
| 600 x 500 x 430mm | 190 x 300mm | 350 deep x 250mm Ø | Class B Autoclave | 43kg | 18 Litres | 1.7Kw 220V / 50Hz |

£2,875 + VAT

The MDS Medical B class 22 Litre autoclave contains industry established high quality components to combine both speed and reliability. This autoclave will comfortably withstand the demands of today's clinic environment. This autoclave enables a fast turn around of sterilising the instruments.

The 5 button LCD display provides ease of use. The machine also offers ease of traceability and cycles due to its built in printer and USB functionality.

In addition to this we can provide the optional extra of our data management system.

Features

- Class B Autoclave
- Quick cycle
- B&D Test and Helix Test
- Easy to maintain
- Printer & USB
- LCD display
- Sterilising temperature 121°C/134°C
- Wrapped or unwrapped
- Large capacity chamber



Technical Information

| Size (L x W x H): | Tray Size (W x L): | Internal: | Class: | Weight: | Volume: | Power: |
|-------------------|--------------------|--------------------|-------------------|---------|-----------|-------------------|
| 640 x 500 x 430mm | 195 x 370mm | 440 deep x 250mm Ø | Class B Autoclave | 47kg | 22 Litres | 1.7Kw 220V / 50Hz |

£3,100 + VAT

The MDS Medical B Class Vetclave has been designed specifically for rapid sterilisation of veterinary instruments. This autoclave has been developed in partnership with existing busy veterinary practices to produce a very quick and effective autoclave.

The 22 Litre chamber can accommodate all the required instruments generally used in veterinary practices. It includes a cotton cycle, tailor made for autoclavable drapes, scrubs etc. The machine also offers ease of traceability and cycles due to its built in printer.

In addition to this we can provide the optional extra of our data management system.

Features

- Class B Autoclave
- Quick cycle
- Easy to maintain
- Printer
- Clear digital display
- Sterilising temperature 121°C/134°C
- Wrapped & Unwrapped
- Large capacity chamber



Technical Information

| Size (L x W x H): | Tray Size (W x L): | Internal: | Class: | Weight: | Volume: | Power: |
|-------------------|--------------------|--------------------|-------------------|---------|-----------|-------------------|
| 640 x 500 x 430mm | 195 x 370mm | 440 deep x 250mm Ø | Class B Autoclave | 45kg | 22 Litres | 1.7Kw 220V / 50Hz |

£2,450 + VAT

Available in 3 Litre, 6 Litre, 9 Litre & 13 Litre capacity. Ultrasonic cleaning uses ultra sonic waves induced by a high frequency transducer to agitate a liquid. The agitation produces high forces on contaminants adhering to instruments.



Features

- Normal and soft power control
- Degas function
- Adjustable time setting
- Adjustable temperature control
- User-friendly, clear panel controls
- Memory function
- Digital display
- High performance transducer



Technical Information

| Capacity | Ultrasonic Power: | Unit Size (L x W x H): | Internal Size (L x W x H): | Price |
|-----------|-------------------|------------------------|----------------------------|---------------|
| 3 Litres | 100W | 270 x 170 x 240mm | 240 x 140 x 100mm | £195.00 + VAT |
| 6 Litres | 150W | 330 x 180 x 310mm | 300 x 140 x 150mm | £295.00 + VAT |
| 9 Litres | 200W | 330 x 270 x 310mm | 300 x 240 x 150mm | £320.00 + VAT |
| 13 Litres | 300W | 360 x 330 x 310mm | 330 x 300 x 150mm | £395.00 + VAT |

Further information:

Ultrasonic cleaners with digital timer, heater, degas, double powers and memory features. The 6, 9 & 13 Litre Ultrasonics are fitted with a drainage tap.

Features

- Our high capacity cycle management system automatically logs cycles and clearly states pass or fail for clarity
- Print out cycle reports for your records or store them in PDF format
- Shows all relevant information about the autoclave and the cycle
- Cycle summary reports can be printed or stored on the computer in PDF Format
- Simply view cycle reports for a specified date range

£250 + VAT

The MDS Reverse Osmosis system is the most economical method of purifying tap water. Conveniently fitted underneath your sink unit and producing up to 8 litres of stored water at one time, which is then readily available on tap as standard – larger systems available on request.

No electricity required hence minimal running costs. This unit is used for the autofill function of our MDS Medical autoclaves. Eliminating the need for manual filling.

Features

- Produces up to 8L of water at one time
- User friendly
- Usually fitted under sink unit
- Fittings included
- Can be used in conjunction with the automatic fill function

Specification

- No electrical power needed
- 16L tank



The automatic fill function is specifically designed for MDS Medical Autoclaves in conjunction with the MDS RO System.

This is an additional option on any of our autoclaves. Autofill removes the need for manual filling of the autoclave hence saving the practice staff time and eliminating the risk of human error.

This function works by the RO system automatically filling the clean water reservoir in the autoclave with the correct amount of water required for each cycle and then automatically draining the waste water from the waste water tank.

Features

- Can be added to any existing autoclave or at time of purchase
- Reduces risk of human error
- Ease of use
- Ergonomically friendly



Further information:

RO water can be used for Autoclaves, Ultra Sonic cleaners, Washer Disinfectors and washing all instruments

£495.00 + VAT

Price on Application

MDS can provide the complete stainless steel anaesthetic system which includes an on-board 5 litre oxygen concentrator, a high accuracy flowmeter, emergency O2 flush, compatibility block and Tec 3 vaporiser.

We can also provide the above excluding the vaporiser and / or oxygen concentrator.

The anaesthetic unit works in conjunction with a small oxygen cylinder (not supplied by MDS) housed on the rear of the frame. In case of power failure, a manual valve is supplied to switch over to the back up oxygen cylinder.

Features

- Easy cylinder change
- High accuracy rotameter 10 l/min - O2
- Emergency O2 flush
- Stainless Steel Frame - Mounted on 75mm Castors
- Compatibility block accommodates the vaporiser
- Handy equipment drawer with removable stainless steel tray for ease of use



Technical Information

| Size (H x D x W): | Oxygen Output: | Oxygen Purity: | Sound Levels |
|--------------------|-----------------------------|---|-----------------|
| 1340 x 560 x 560mm | Max. up to 5 Litres per min | Max. 93% +/-3% (Dependent on flow rate) | <50dba @1 metre |

From £2,800 + VAT

MDS can provide the complete powder coated anaesthetic system which includes an on-board 5 litre oxygen concentrator, a high accuracy flowmeter, emergency O2 flush, compatibility block and Tec 3 vaporiser.

We can also provide the above excluding the vaporiser and / or oxygen concentrator.

The anaesthetic unit works in conjunction with a small oxygen cylinder (not supplied by MDS) housed on the rear of the frame. In case of power failure, a manual valve is supplied to switch over to the back up oxygen cylinder.

Features

- Powder coated frame - Mounted on 75mm Castors
- Easy cylinder change
- High accuracy rotameter 10 l/min - O2
- Emergency O2 flush
- Compatibility block accommodates the vaporiser



Technical Information

| Size (H x D x W): | Oxygen Output: | Oxygen Purity: | Sound Levels |
|--------------------|-----------------------------|---|-----------------|
| 1400 x 500 x 500mm | Max. up to 5 Litres per min | Max. 93% +/-3% (Dependent on flow rate) | <50dba @1 metre |

From £1,400 + VAT



The MDS wall mounted anaesthetic system includes, a high accuracy flowmeter, emergency O2 flush, and a compatibility block. This can be purchased with or without the vaporiser.



Features

- Stainless steel frame
- High accuracy rotameter 10 l/min - O2
- Emergency O2 flush
- Compatibility block accommodates the vaporiser

| Dimensions (H x D x W) |
|------------------------|
| 400 x 240 x 390mm |

From £950.00 + VAT

MSS3 Isoflurane Vaporiser

- Calibrated for the specific anaesthetic drug in use
- Laser refractometer calibration 0.25 to 5.00%
- Temperature flow and duration of use compensation
- Safety lock feature to help prevent accidental turn on of dial



| Weight | Dimensions (H x W x D) | Liquid Capacity: |
|--------|------------------------|----------------------------------|
| 6.8kg | 183 x 140 x 135mm | 160ml in fully charged vaporiser |

For full technical spec please visit our website

£575.00 +VAT

5L Oxygen Concentrator

- Easy to assemble/disassemble two-piece cabinet for ease of maintenance
- Convenient top and side handles for easy transport



For full details please visit our website

| Outlet Pressure | Oxygen Percentage | Power Consumption | Weight | Dimensions (H x W x D) | Warranty |
|--------------------|---------------------|--|----------------|--|----------|
| 8.5psig (58.6 kPa) | 1-5 LPM = 93%+/- 3% | 230V/50Hz – 312 Watts Average 230V/50Hz – 296 Watts Average @ 2.5 LPM & below | 36lbs (16.3kg) | 24.5" x 13.5" x 12" (62.2 x 34.2 x 30.4cm) | 2 Years |

For full details please visit our website

£720.00 +VAT

MDS Medical 8L Autoclave

- Class B Autoclave
- Quick cycle
- Easy to maintain
- Printer & USB
- LCD display
- Sterilising temperature 121°C/134°C
- Wrapped or unwrapped

3 Litre Ultrasonic Cleaner

- Normal and soft power control
- Degas function
- Adjustable time setting
- Adjustable temperature control
- User-friendly, clear panel controls
- Memory function
- Digital display
- High performance transducer

MDS Medical 12L Autoclave

- Class B Autoclave
- Quick cycle
- Easy to maintain
- Printer & USB
- LCD display
- Sterilising temperature 121°C/134°C
- Wrapped or unwrapped

6L Ultrasonic Cleaner

- Normal and soft power control
- Degas function
- Adjustable time setting
- Adjustable temperature control
- User-friendly, clear panel controls
- Memory function
- Digital display
- High performance transducer

Purified Water Distiller

- Distiller output 16 Litres p/day
- 4 Litre collection jug
- Capacity 4L
- 250g residue cleaner
- 6 x Active carbon filters



£2,100 + VAT

Further information:

*Against items purchased individually
Offer limited to availability and whilst stocks last.

Purified Water Distiller

- Distiller output 16 Litres p/day
- 4 Litre collection jug
- Capacity 4L
- 250g residue cleaner
- 6 x Active carbon filters



£2,300 + VAT

Further information:

*Against items purchased individually
Offer limited to availability and whilst stocks last.

MDS Medical 18L Autoclave

- Class B Autoclave
- Quick cycle
- B&D Test and Helix Test
- Easy to maintain
- Printer & USB
- LCD display
- Sterilising temperature 121°C/134°C
- Wrapped or unwrapped
- Auto fill add-on function

Bottle of Autoclave Cleaner

- For the routine maintenance of all bench top Autoclaves.
- An effective alkaline solution especially formulated to work in steam to remove all internal grease & grime whilst preventing formulation of harmful scale deposits
- Concentrate dilutes with water @ 2%.
- Each litre of cleaner concentrate makes up 50 litres of in use solution

RO Purified Water System

- Supplies 3L of RO Water every 20 minutes
- Requires no tools for filter changes
- User friendly
- Usually fitted under sink unit
- Automatically fills Autoclave from RO water System
- Automatically drains water from dirty tank
- Time saving feature
- Fittings included

Further information:

*Against items purchased individually
Offer limited to availability and whilst stocks last.

9 Litre Ultrasonic Cleaner

- Normal and soft power control
- Degas function
- Adjustable time setting
- Adjustable temperature control
- User-friendly, clear panel controls
- Memory function
- Digital display
- High performance transducer



£3,750 + VAT

MDS Medical 22L Autoclave

- Class B Autoclave
- Quick cycle
- B&D Test and Helix Test
- Easy to maintain
- Printer & USB
- LCD display
- Sterilising temperature 121°C/134°C
- Wrapped or unwrapped
- Auto fill add-on function

Bottle of Autoclave Cleaner

- For the routine maintenance of all bench top Autoclaves.
- An effective alkaline solution especially formulated to work in steam to remove all internal grease & grime whilst preventing formulation of harmful scale deposits
- Concentrate dilutes with water @ 2%.
- Each litre of cleaner concentrate makes up 50 litres of in use solution

RO Purified Water System

- Supplies 3L of RO Water every 20 minutes
- Requires no tools for filter changes
- User friendly
- Usually fitted under sink unit
- Automatically fills Autoclave from RO water System
- Automatically drains water from dirty tank
- Time saving feature
- Fittings included

Further information:

*Against items purchased individually
Offer limited to availability and whilst stocks last.

9L Ultrasonic Cleaner

- Normal and soft power control
- Degas function
- Adjustable time setting
- Adjustable temperature control
- User-friendly, clear panel controls
- Memory function
- Digital display
- High performance transducer



£3,950+ VAT