

DIXONS

ST 1528 G

PORTABLE AUTOCLAVE



Compact and Fully Portable

Simple and Safe Use

No Plumbing Needed

Minimal Maintenance Required

Lid Locking Safety to H&SE PM73

Produced under ISO 9001

Suitable for Culture Media

121°C Operating Temperature

316 Stainless Steel Construction

15 Litre Capacity

280mm Internal Diameter

16.5Kg Net Weight

The ST 1528 G Portable Autoclave

The ST 1528 G is heated by any external heat source. This can be bottled or mains gas, kerosene stove or electric hot plate. Gas rings and kerosene stoves are available as accessories to the range. The temperature is controlled by a pressure controlling valve.

The ST 1528 G is made from stainless steel with a polished exterior for easier cleaning. The lid is removable for full width access. Items to be sterilised can be placed in the inner liner provided with the machine. Alternately, Dressing Drums and Wire Mesh Baskets are available.

The lid locking device is comprised of six wing nuts and six lid locking lugs. This ensures that the lid cannot be opened while the vessel is under pressure. After the sterilising period, a condensing vacuum is drawn to aid drying. This is particularly useful for dressings and drapes.

The ST 1528 G is particularly suitable for destructive sterilisation. The operator is not restricted to a set sterilising period. This can be adjusted to suit the application.

The ST 1528 G comes complete with:

- Inner Liner with Handles
- Easy to follow Users Manual
- Manufacturers Safety Test Certificate
- Manufacturers One Year Guarantee (this does not affect your statutory rights)

Technical Specification

| | | | |
|------------------------------|---|---------------------------------|----------|
| Model | : | ST 1528 G | |
| Capacity | : | 15 Litres | |
| Dimensions | : | Internal Diameter | : 280 mm |
| | : | Internal Height (useable) | : 245 mm |
| | : | Internal Height (total) | : 280 mm |
| Material | : | Stainless Steel 316 | |
| Heat Source | : | External Heat Source | |
| | : | Bottled Gas Burner | |
| | : | Mains Gas Burner | |
| | : | Kerosene Stove | |
| | : | Electric Hot Plate | |
| Design Pressure | : | 1.3 bar (18 psi) | |
| Design Temperature | : | 0 - 125°C | |
| H T Pressure | : | 2.0 bar (30 psi) | |
| S W Pressure | : | 1.3 bar (18 psi) | |
| Maximum Working Temperature | : | 121°C | |
| Standard Working Temperature | : | 121°C | |
| Complies With | : | H&SE PM73 (Lid Locking Devices) | |
| Overall Dimensions | : | Width | : 370 mm |
| | : | Depth | : 390 mm |
| | : | Height | : 380 mm |
| Net Weight | : | 16.5 Kg | |

DIXONS

ST 2228 G

PORTABLE AUTOCLAVE



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Lid Locking Safety to H&SE PM73

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Suitable for Culture Media

121°C Operating Temperature

316 Stainless Steel Construction

22 Litre Capacity

280mm Internal Diameter

18.5Kg Net Weight

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Technical Specification

| | | | |
|------------------------------|---|---------------------------------|----------|
| Model | : | ST 2228 G | |
| Capacity | : | 22 Litres | |
| Dimensions | : | Internal Diameter | : 280 mm |
| | : | Internal Height (useable) | : 360 mm |
| | : | Internal Height (total) | : 395 mm |
| Material | : | Stainless Steel 316 | |
| Heat Source | : | External Heat Source | |
| | : | Bottled Gas Burner | |
| | : | Mains Gas Burner | |
| | : | Kerosene Stove | |
| | : | Electric Hot Plate | |
| Design Pressure | : | 1.3 bar (18 psi) | |
| Design Temperature | : | 0 - 125°C | |
| H T Pressure | : | 2.0 bar (30 psi) | |
| S W Pressure | : | 1.3 bar (18 psi) | |
| Maximum Working Temperature | : | 121°C | |
| Standard Working Temperature | : | 121°C | |
| Complies With | : | H&SE PM73 (Lid Locking Devices) | |
| Overall Dimensions | : | Width | : 370 mm |
| | : | Depth | : 390 mm |
| | : | Height | : 495 mm |
| Net Weight | : | 18.5 Kg | |

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ST 3028 G

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Minimal Maintenance Required

Lid Locking Safety to H&SE PM73

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Suitable for Culture Media

121°C Operating Temperature

316 Stainless Steel Construction

30 Litre Capacity

280mm Internal Diameter

20.5Kg Net Weight

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Technical Specification

| | | | |
|------------------------------|---|---------------------------------|----------|
| Model | : | ST 3028 G | |
| Capacity | : | 30 Litres | |
| Dimensions | : | Internal Diameter | : 280 mm |
| | : | Internal Height (useable) | : 490 mm |
| | : | Internal Height (total) | : 525 mm |
| Material | : | Stainless Steel 316 | |
| Heat Source | : | External Heat Source | |
| | : | Bottled Gas Burner | |
| | : | Mains Gas Burner | |
| | : | Kerosene Stove | |
| | : | Electric Hot Plate | |
| Design Pressure | : | 1.3 bar (18 psi) | |
| Design Temperature | : | 0 - 125°C | |
| H T Pressure | : | 2.0 bar (30 psi) | |
| S W Pressure | : | 1.3 bar (18 psi) | |
| Maximum Working Temperature | : | 121°C | |
| Standard Working Temperature | : | 121°C | |
| Complies With | : | H&SE PM73 (Lid Locking Devices) | |
| Overall Dimensions | : | Width | : 370 mm |
| | : | Depth | : 390 mm |
| | : | Height | : 625 mm |
| Net Weight | : | 20.5 Kg | |

DIXONS

ST 1528

PORTABLE AUTOCLAVE



Compact and Fully Portable

Electronic Temperature Control

Simple and Safe Use

Domestic Electricity Supply

No Plumbing Needed

Minimal Maintenance Required

Electrically Safe To BS3456

Lid Locking Safety to H&SE PM73

Produced under ISO 9001

Suitable for Culture Media

121°C Operating Temperature

316 Stainless Steel Construction

15 Litre Capacity

280mm Internal Diameter

19.0Kg Net Weight

CE Marked

The ST 1528 Portable Autoclave

The ST 1528 is heated by a single internal element. This is available for use with 230V or 110V electrical supplies. Please indicate the required voltage when ordering. The temperature is controlled by an electronic temperature controller and a PT100 probe. The ST 1528 is fitted with an automatic cut-out to prevent it boiling dry. Every autoclave is electrically tested in compliance with BS3456 Part 101 1987.

The ST 1528 is made from stainless steel with a polished exterior for easier cleaning. The lid is removable for full width access. Items to be sterilised can be placed in the inner liner provided with the machine. Alternately, Dressing Drums and Wire Mesh Baskets are available.

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Technical Specification

| | | |
|------------------------------|---|---|
| Model | : | ST 1528 |
| Capacity | : | 15 Litres |
| Dimensions | : | Internal Diameter : 280 mm |
| | | Internal Height (useable) : 245 mm |
| | | Internal Height (total) : 280 mm |
| Material | : | Stainless Steel 316 |
| Heat Source | : | Internal Electric Element |
| | | 230V - AC 50Hz - 2.0kW |
| | | Electronic Thermostatic Control |
| Design Pressure | : | 1.3 bar (18 psi) |
| Design Temperature | : | 0 - 125°C |
| H T Pressure | : | 2.0 bar (30 psi) |
| S W Pressure | : | 1.3 bar (18 psi) |
| Maximum Working Temperature | : | 121°C |
| Standard Working Temperature | : | 121°C |
| Complies With | : | H&SE PM73 (Lid Locking Devices) |
| | | BS3456 Part 101 1987 (Electrical Safety) |
| | | CE Marked in compliance with EMC regulations 1992 |
| Overall Dimensions | : | Width : 370 mm |
| | | Depth : 390 mm |
| | | Height : 485 mm |
| Net Weight | : | 19.0 Kg |

DIXONS

ST 2228

PORTABLE AUTOCLAVE



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Electronic Temperature Control

Simple and Safe Use

Domestic Electricity Supply

No Plumbing Needed

Minimal Maintenance Required

Electrically Safe To BS3456

Lid Locking Safety to H&SE PM73

Produced under ISO 9001

Suitable for Culture Media

121°C Operating Temperature

316 Stainless Steel Construction

22 Litre Capacity

280mm Internal Diameter

21.0Kg Net Weight

CE Marked

The ST 2228 Portable Autoclave

The ST 2228 is heated by a single internal element. This is available for use with 230V or 110V electrical supplies. Please indicate the required voltage when ordering. The temperature is controlled by an electronic temperature controller and a PT100 probe. The ST 2228 is fitted with an automatic cut-out to prevent it boiling dry. Every autoclave is electrically tested in compliance with BS3456 Part 101 1987.

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Technical Specification

| | | |
|------------------------------|---|---|
| Model | : | ST 2228 |
| Capacity | : | 22 Litres |
| Dimensions | : | Internal Diameter : 280 mm |
| | : | Internal Height (useable) : 360 mm |
| | : | Internal Height (total) : 395 mm |
| Material | : | Stainless Steel 316 |
| Heat Source | : | Internal Electric Element |
| | : | 230V - AC 50Hz - 2.0kW |
| | : | Electronic Thermostatic Control |
| Design Pressure | : | 1.3 bar (18 psi) |
| Design Temperature | : | 0 - 125°C |
| H T Pressure | : | 2.0 bar (30 psi) |
| S W Pressure | : | 1.3 bar (18 psi) |
| Maximum Working Temperature | : | 121°C |
| Standard Working Temperature | : | 121°C |
| Complies With | : | H&SE PM73 (Lid Locking Devices) |
| | : | BS3456 Part 101 1987 (Electrical Safety) |
| | : | CE Marked in compliance with EMC regulations 1992 |
| Overall Dimensions | : | Width : 370 mm |
| | : | Depth : 390 mm |
| | : | Height : 600 mm |
| Net Weight | : | 21.0 Kg |

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PORTABLE AUTOCLAVE



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Electronic Temperature Control

Simple and Safe Use

Domestic Electricity Supply

No Plumbing Needed

Minimal Maintenance Required

Electrically Safe To BS3456

Lid Locking Safety to H&SE PM73

Produced under ISO 9001

Suitable for Culture Media

121°C Operating Temperature

316 Stainless Steel Construction

30 Litre Capacity

280mm Internal Diameter

23.0Kg Net Weight

CE Marked

The ST 3028 Portable Autoclave

The ST 3028 is heated by a single internal element. This is available for use with 230V or 110V electrical supplies. Please indicate the required voltage when ordering. The temperature is controlled by an electronic temperature controller and a PT100 probe. The ST 3028 is fitted with an automatic cut-out to prevent it boiling dry. Every autoclave is electrically tested in compliance with BS3456 Part 101 1987.

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Technical Specification

| | | |
|------------------------------|---|---|
| Model | : | ST 3028 |
| Capacity | : | 30 Litres |
| Dimensions | : | Internal Diameter : 280 mm |
| | : | Internal Height (useable) : 490 mm |
| | : | Internal Height (total) : 525 mm |
| Material | : | Stainless Steel 316 |
| Heat Source | : | Internal Electric Element |
| | : | 230V - AC 50Hz - 2.0kW |
| | : | Electronic Thermostatic Control |
| Design Pressure | : | 1.3 bar (18 psi) |
| Design Temperature | : | 0 - 125°C |
| H T Pressure | : | 2.0 bar (30 psi) |
| S W Pressure | : | 1.3 bar (18 psi) |
| Maximum Working Temperature | : | 121°C |
| Standard Working Temperature | : | 121°C |
| Complies With | : | H&SE PM73 (Lid Locking Devices) |
| | : | BS3456 Part 101 1987 (Electrical Safety) |
| | : | CE Marked in compliance with EMC regulations 1992 |
| Overall Dimensions | : | Width : 370 mm |
| | : | Depth : 390 mm |
| | : | Height : 730 mm |
| Net Weight | : | 23.0 Kg |

DIXONS

VARIO 1528

PORTABLE AUTOCLAVE



- Variable Cycle Temperature
- Variable Cycle Time
- Four Preset Cycles
- Variable Cycle Stored In Permanent Memory For Instant Recall
- Soft Touch Control Pad
- Wipe Clean Surface
- Temperature Range 100°C - 121°C
- Time Range 0 - 99 minutes
- LED System Status Indicators
- Compact And Fully Portable
- Simple And Safe Use
- Domestic Electricity Supply
- No Plumbing Needed
- Minimal Maintenance Required
- Electrically Safe To BS3456
- Lid Locking Safety To H&SE PM73
- Produced Under ISO 9001
- Suitable For Culture Media
- 316 Stainless Steel Construction
- 15 Litre Capacity
- 280mm Internal Diameter
- 19.0Kg Net Weight
- CE Marked



The VARIO 1528 Portable Autoclave

The VARIO 1528 is heated by a single internal element. This is available for use with 230V or 110V electrical supplies. Please indicate the required voltage when ordering. The temperature is controlled by the VARIO time and temperature control and PT100 probe. The VARIO 1528 is fitted with an automatic cut-out to prevent it boiling dry. Every autoclave is electrically tested in compliance with BS3456 Part 101 1987.

The VARIO time and temperature control features four preset and one variable cycle. The variable cycle is stored in permanent memory so that it can be instantly recalled for the next use. The control shows a countdown of sterilisation time and current temperature at all times.

Operation is very simple. The cycle temperature and time are selected by pressing either one of the four preset cycle buttons or the variable cycle button. If the variable cycle is chosen the temperature and time are then set to the values required. The Start button is then pressed and the unit automatically runs through the sterilisation cycle unattended. At the end of sterilisation an audible sound is given to allow the user to drain off the water, if the drying vacuum cycle is required. The unit then cools until it reaches a safe temperature for the contents to be removed, at which point another audible sound is given.

The VARIO 1528 is made from stainless steel with a polished exterior for easier cleaning. The lid is removable for full width access. Items to be sterilised can be placed in the inner liner provided with the machine. Alternately, Dressing Drums and Wire Mesh Baskets are available.

The lid locking device is comprised of six wing nuts and six locking lugs. This ensures that the lid cannot be opened while the vessel is under pressure. After the sterilising period, a condensing vacuum is drawn to aid drying. This is particularly useful for dressings and drapes.

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The VARIO 1528 comes complete with:

- Inner Liner with Handles
- Easy to follow Users Manual
- Manufacturers Safety Test Certificate
- Manufacturers One Year Guarantee (this does not affect your statutory rights)

Technical Specification

| | | |
|-----------------------------|---|--|
| Model | : | VARIO 1528 |
| Capacity | : | 15 Litres |
| Dimensions | : | Internal Diameter : 280 mm Internal Height (useable) : 245 mm Internal Height (total) : 280 mm |
| Material | : | Stainless Steel 316 |
| Heat Source | : | Internal Electric Element 230V / 110V - AC 50Hz - 2.0kW Electronic Thermostatic Control |
| Design Pressure | : | 1.3 bar (18 psi) |
| Design Temperature | : | 0 - 125°C |
| H T Pressure | : | 2.0 bar (30 psi) |
| S W Pressure | : | 1.3 bar (18 psi) |
| Maximum Working Temperature | : | 121°C |
| Variable Temperature | : | 100°C - 121°C |
| Variable Time | : | 1 minute - 99 minutes |
| Preset Cycles | : | 30 minutes @ 115°C 15 minutes @ 121°C 30 minutes @ 121°C 60 minutes @ 115°C |
| VARIO Control Dimesions | : | Width : 195 mm Depth : 120 mm Height : 65 mm |
| VARIO Control Weight | : | 0.75Kg |
| Complies With | : | H&SE PM73 (Lid Locking Devices) BS3456 Part 101 1987 (Electrical Safety) CE Marked in compliance with EMC regulations 1992 |
| Overall Dimensions | : | Width : 370 mm Depth : 390 mm Height : 485 mm |
| Net Weight | : | 19.0 Kg |

DIXONS

VARIO 2228

PORTABLE AUTOCLAVE



- Variable Cycle Temperature
- Variable Cycle Time
- Four Preset Cycles
- Variable Cycle Stored In Permanent Memory For Instant Recall
- Soft Touch Control Pad
- Wipe Clean Surface
- Temperature Range 100°C - 121°C
- Time Range 0 - 99 minutes
- LED System Status Indicators
- Compact And Fully Portable
- Simple And Safe Use
- Domestic Electricity Supply
- No Plumbing Needed
- Minimal Maintenance Required
- Electrically Safe To BS3456
- Lid Locking Safety To H&SE PM73
- Produced Under ISO 9001
- Suitable For Culture Media
- 316 Stainless Steel Construction
- 22 Litre Capacity
- 280mm Internal Diameter
- 21.0Kg Net Weight
- CE Marked



The VARIO 2228 Portable Autoclave

The VARIO 2228 is heated by a single internal element. This is available for use with 230V or 110V electrical supplies. Please indicate the required voltage when ordering. The temperature is controlled by the VARIO time and temperature control and PT100 probe. The VARIO 2228 is fitted with an automatic cut-out to prevent it boiling dry. Every autoclave is electrically tested in compliance with BS3456 Part 101 1987.

The VARIO time and temperature control features four preset and one variable cycle. The variable cycle is stored in permanent memory so that it can be instantly recalled for the next use. The control shows a countdown of sterilisation time and current temperature at all times.

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| | | |
|-----------------------------|---|--|
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| Dimensions | : | Internal Diameter : 280 mm Internal Height (useable) : 360 mm Internal Height (total) : 395 mm |
| Material | : | Stainless Steel 316 |
| Heat Source | : | Internal Electric Element 230V / 110V - AC 50Hz - 2.0kW Electronic Thermostatic Control |
| Design Pressure | : | 1.3 bar (18 psi) |
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| H T Pressure | : | 2.0 bar (30 psi) |
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| Maximum Working Temperature | : | 121°C |
| Variable Temperature | : | 100°C - 121°C |
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| VARIO Control Weight | : | 0.75Kg |
| Complies With | : | H&SE PM73 (Lid Locking Devices) BS3456 Part 101 1987 (Electrical Safety) CE Marked in compliance with EMC regulations 1992 |
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- Variable Cycle Temperature
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- Temperature Range 100°C - 121°C
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- LED System Status Indicators
- Compact And Fully Portable
- Simple And Safe Use
- Domestic Electricity Supply
- No Plumbing Needed
- Minimal Maintenance Required
- Electrically Safe To BS3456
- Lid Locking Safety To H&SE PM73
- Produced Under ISO 9001
- Suitable For Culture Media
- 316 Stainless Steel Construction
- 30 Litre Capacity
- 280mm Internal Diameter
- 23.0Kg Net Weight
- CE Marked



The VARIO 3028 Portable Autoclave

The VARIO 3028 is heated by a single internal element. This is available for use with 230V or 110V electrical supplies. Please indicate the required voltage when ordering. The temperature is controlled by the VARIO time and temperature control and PT100 probe. The VARIO 3028 is fitted with an automatic cut-out to prevent it boiling dry. Every autoclave is electrically tested in compliance with BS3456 Part 101 1987.

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Technical Specification

| | | |
|-----------------------------|---|--|
| Model | : | VARIO 3028 |
| Capacity | : | 30 Litres |
| Dimensions | : | Internal Diameter : 280 mm Internal Height (useable) : 490 mm Internal Height (total) : 525 mm |
| Material | : | Stainless Steel 316 |
| Heat Source | : | Internal Electric Element 230V / 110V - AC 50Hz - 2.0kW Electronic Thermostatic Control |
| Design Pressure | : | 1.3 bar (18 psi) |
| Design Temperature | : | 0 - 125°C |
| H T Pressure | : | 2.0 bar (30 psi) |
| S W Pressure | : | 1.3 bar (18 psi) |
| Maximum Working Temperature | : | 121°C |
| Variable Temperature | : | 100°C - 121°C |
| Variable Time | : | 1 minute - 99 minutes |
| Preset Cycles | : | 30 minutes @ 115°C 15 minutes @ 121°C 30 minutes @ 121°C 60 minutes @ 115°C |
| VARIO Control Dimesions | : | Width : 195 mm Depth : 120 mm Height : 65 mm |
| VARIO Control Weight | : | 0.75Kg |
| Complies With | : | H&SE PM73 (Lid Locking Devices) BS3456 Part 101 1987 (Electrical Safety) CE Marked in compliance with EMC regulations 1992 |
| Overall Dimensions | : | Width : 370 mm Depth : 390 mm Height : 730 mm |
| Net Weight | : | 23.0 Kg |



Wolf Laboratories Limited

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sales@wolflabs.co.uk



Use the above details to contact us if this literature doesn't answer all your questions.

Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

