

**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



Essex Scientific Laboratory Supplies Ltd.  
Crucible House, Endway  
Hadleigh, Essex, SS7 2AN  
United Kingdom  
Tel: +44(0)1702 555577  
Fax: +44(0)1702 551772  
email: sales@esslab.com

## 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.

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 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 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	: <b>ST 1528</b>
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