

**DIXONS**

# ST 18

## 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

Die Cast Aluminium Construction

14 Litre Capacity

280mm Internal Diameter

11.5Kg Net Weight



DIXONS SURGICAL INSTRUMENTS LTD, 1 ROMAN COURT, HURRICANE WAY  
WICKFORD BUSINESS PARK, WICKFORD, ESSEX, SS11 8YB, UK  
TEL: +44 (0)1268 764614 - FAX: +44 (0)1268 764615  
EMAIL: [info@dixons-uk.com](mailto:info@dixons-uk.com) - WEB: <http://www.dixons-uk.com>

## The ST 18 Portable Autoclave

The ST 18 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 18 is made from die cast aluminium 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 two collared wing nuts. 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 18 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 18 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 18</b>	
Capacity	:	14 Litres	
Dimensions	:	Internal Diameter	: 280 mm
		Internal Height (useable)	: 230 mm
		Internal Height (total)	: 270 mm
Material	:	Die Cast Aluminium LM25	
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	: 420 mm
		Depth	: 400 mm
		Height	: 410 mm
Net Weight	:	11.5 Kg	