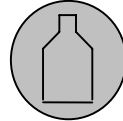


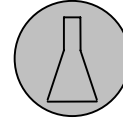
Compact 40 Priorclave



- Easy to install with a single 13 Amp plug
- TACTROL 2 microprocessor – standard
- Quickseal single action door closure system
- Forced air cooling – standard
- Media warming cycle – standard
- Conforms to BS2646-1993, PD5500:2000 Cat.3 European PED 97/23/EC, EMC compliance tested and CE marked for BS EN 61010-2-41 amongst others



Litre x11



Litre x 7

Design

Operation up to 138°C – 2.4. The TACTROL 2 microprocessor control system has staged illumination giving digital readouts of cycle status and the simple to set control panel features adjustable temperature and time that can be viewed simultaneously. Ideally suited for use in a wide range of applications:

Sterilisation - media preparation, liquids and diluent, waste, glassware, instruments, apparatus, health care.

Non-sterilisation – food processing, plastics, accelerated curing, construction.

Extensively used within many industries, including: food, drink, dairy, pharmaceutical, agricultural, education, healthcare, research establishments and industry.

Safety features

The pressure vessel carries a 10 year warranty and is Insurance approved. The pressure door features: protective heat cover, thermal cooling lock, pressure lock, special door gate mechanism which cracks the gasket seal allowing any residual pressure to safely escape. The unit also features a low water level sensor, that prevents boil-dry conditions and a safety blow down valve affords further protection.

Installation requirements

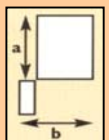
The unit requires a 240V, 50Hz, 13-amp power supply. Should more heater power be required then a single phase, wall mounted isolator is required. The single vent outlet pipe can be directed to a nearby drain. For safe processing the discharge should be directed to a sealed discharge system; the system should lead by direct connection to a building drain or catchment tank. *For more specific advice about your particular installation requirements please contact our Technical Department.*

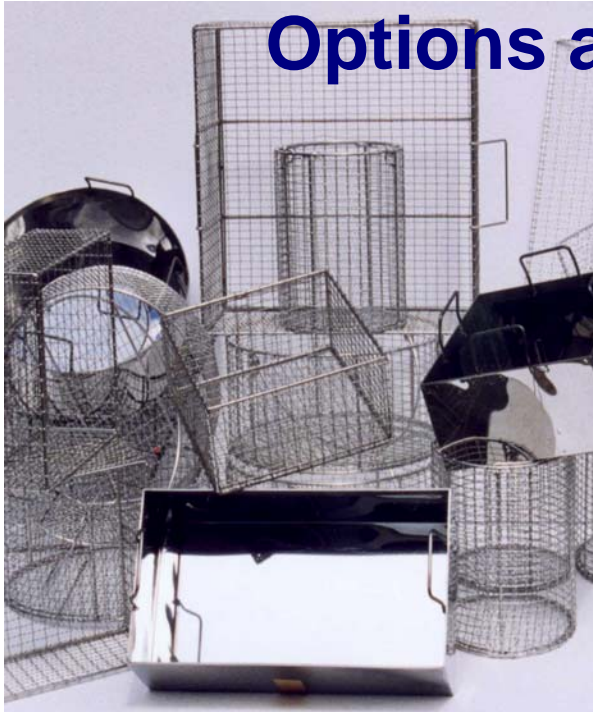


Product Specifications

Loading Format: Front	Capacity (appx.): 40 litres	Maximum Temp: 138°C	Water Capacity: 3 litres
Pressure Vessel:	Internal dia. 350mm Working depth 420mm Material Grade 316L s/s	Typical cycle time:	1 heater 90 mins 2 heaters 75 mins
External dimensions:	520mmx610mmx650mm (wxdxh)	Typical heat up time:	1 heater 25 mins 2 heaters 7 mins <i>(Ballasted with 1lt. Bottle of liquid, simulated load)</i>
Installation dimensions:	580mmx660mm (wxd) bxa	Weight:	90Kgs.
Door swing length:	520mm		
Power Supply:	240V, 13Amp, 50Hz or 240V, 30Amp, 50Hz		

To allow room for autoclave doors to open and for connection to services, please note the following dimensions:
Front Loaders Plan View





Options and accessories

Priorclaves are available with a full range of control options to suit any application.

- Pre-cycle vacuum stages can be accommodated with vacuum assisted drying and vacuum assisted cooling (patent applied for) with the fitting of a fully automatic remote vacuum pump
- A selection of baskets and stainless steel discard containers are available for individual models.

For more detailed advice about your specific requirements please contact our Sales Department.

TACTROL® 2 Control System

Load Sensed Process Timing

Guaranteed sterilisation times from a probe in the anticipated coolest part of the load.

Automatic Freesteaming

Includes a venting period during heating, greatly improving temperature distribution and helping air removal. Also available – Pulsed Freesteaming – for improved waste load performance.(optional)

Multi-Program Memory (Option)

Simply press program number required to restore all your settings. Five and ten program options available.

Accelerated Cooling

Powerful fans blow cold air over the autoclave vessel reducing cooling times to safe load temperatures. Delayed start selectable to reduce media volume loss.

Media Warming

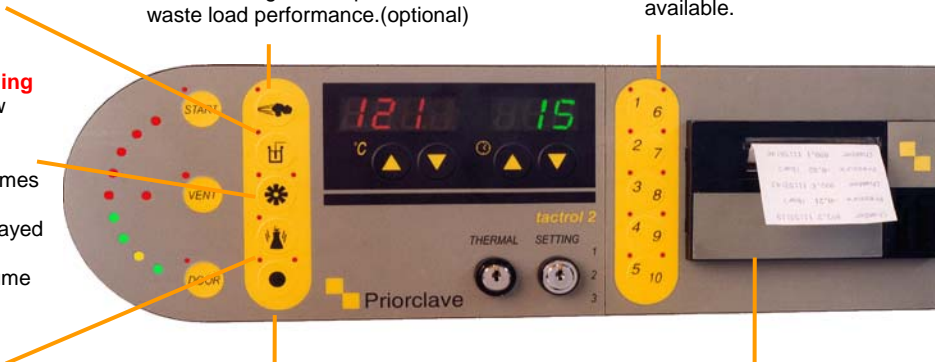
Forget early morning starts to melt media! The autoclave maintains the media overnight at a 'ready to pour' temperature.

Vacuum (Options)

Pre-Cycle Vacuum to assist air removal. Vacuum Drying and Cooling options are also available.

Process Printer (Option)

A full record of temperature and time is recorded at key stages of the cycle. Your details can be printed at the start of each printout, together with the autoclave serial and cycle number. Pressure and load temperature printing options are also available.



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Certificate Number 6973



E. & O.E.