



## Crystal Autoclave

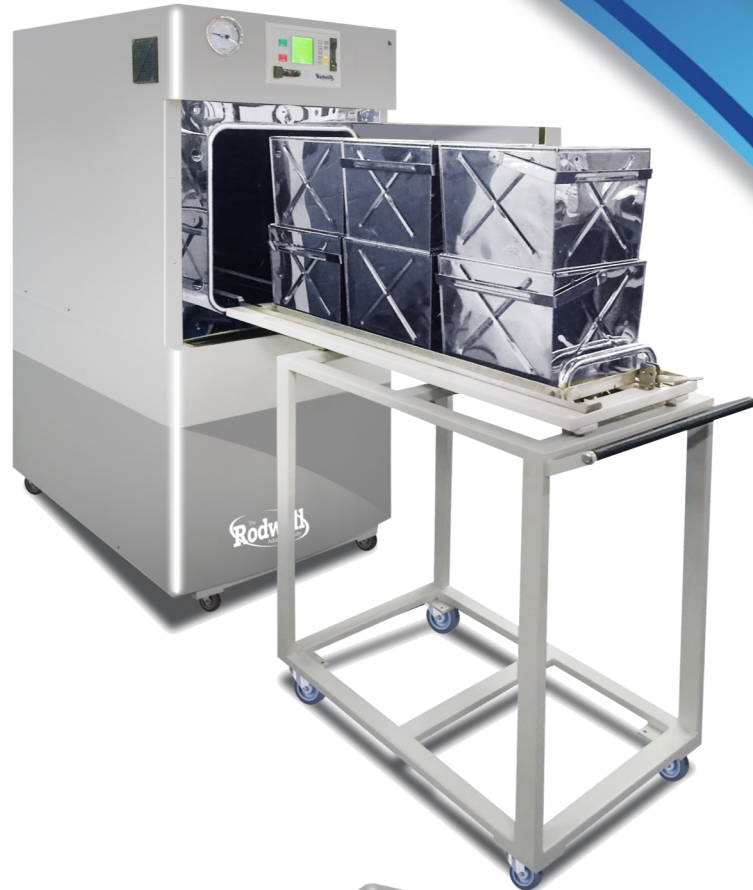
Specifications for a Crystal 300 E & DS

### Design Features

- 300 litres
- MP25 Controller
- Square chamber
- Fixed Seal
- Robust space saving design
- Integral drip tray
- Grade 316 stainless steel chamber
- Anti door bolt over tight mechanism
- Complete versatility for almost any application

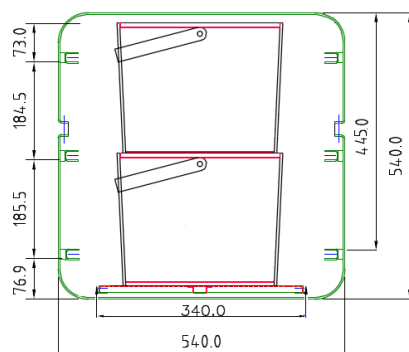
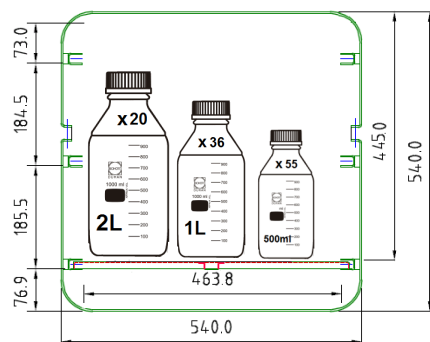
### Optional Accessories

- † Loading Baskets
- † Waste Discard System
- † Fan Assisted High Speed Cooling
- † Condense Collector, which eliminates a drain requirement.
- † Air removal HEPA filter (for CAT3 environments)
- † Data Printers & Chart Recorders
- † Vacuum & Drying options
- † Anti Lime scale system
- Loading Trolleys & Carriages
- Air Ballasting



Capacities and dimensions (approx)	
Model	Crystal 300
Autoclave Weight	500kg
Export Case Size	990w x 1970h x 1610d
Overall Dimensions	830w x 1800h x 1450d
Chamber Dimensions	510 x 510 x 1030d
Chamber Capacity	300 Litres
Water Consumption (in chamber / typical per cycle)	750ml
Water Consumption (Steam generator / typical per cycle)	16 litres
1L Media Bottles	36
2L Media Bottles	20
500ml Media Bottles	55
NHS Discard Boxes	H250xW320xL320 (6)
Trolley	H1045xW580xL1290

### Crystal 300



Not to scale

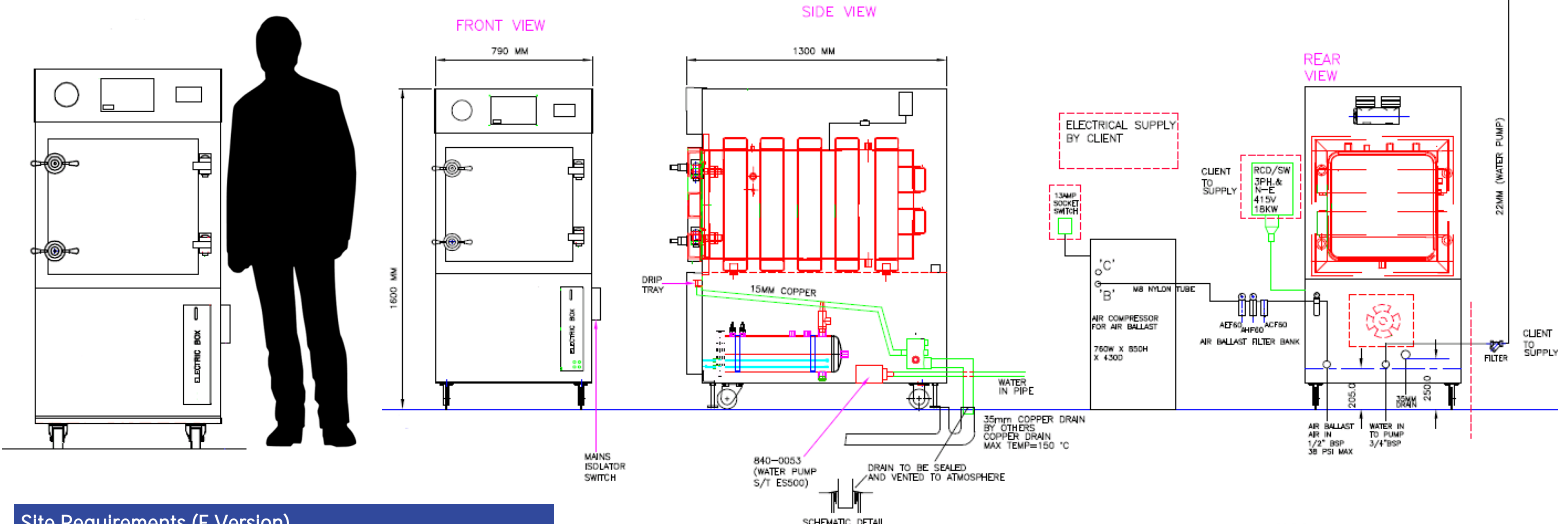




Safe Design Operating Limits	
Model	Crystal 300
Max working temperature	138 °C
Min working temperature	7 °C
Max ambient temperature	28 °C
Min ambient temperature	11 °C
Max hydraulic pressure	4.14 Bar
Max working pressure	2.62 Bar
Max working vacuum	Minus 1 Bar

Human Scale

Typical Installation



## Site Requirements (E Version)

Electrical site requirement: 40 Amp Switched RCD required

Model	Crystal 300E
Drain Requirements	150°C 35mmØ Copper
Voltage	380/415v
Phase Requirement	3ph/N 50/60 Hz
Power Consumption	18kw
Fuse Rating	40 amp

## Option Requirements

- Air Supply at 38 psi, 7 cfm required for Air Ballasting option
- Post Cycle Drying will require AC701C vacuum option.
- Drain requirement of 150°C, 35mm copper pipe at floor level.

## General Requirements

- †Sodium Chloride must not exceed a level greater than 500 ppm.
- †Use regular mains water only. DO NOT USE distilled or RO water
- DS Version requires a mains steam supply of 38psi 9kw 35lbs/hour

## Site Requirements (DS Version)

Electrical site requirement: Switched RCD required

Model	Crystal 300DS
Drain Requirements	150°C 35mmØ Copper
Mains Steam Supply	35 lb p/h @ 2.67 Bar
Voltage	230v
Phase Requirement	1ph/N 50/60 Hz
Power Consumption	1kw
Fuse Rating	6amp

## Complying Standards

- PED Cat 3 Module B+D Notified Body: British Engineering No. 0040
- Harmonised Standards applied: EMC BS EN 61326
- Community directives applied : Pressure Equipment Directive – PED 2014/68/EU (formerly PED 97/23/EC)
- Designed in accordance with PD5500 (formerly BS5500) & BS2646
- Chamber and Door constructed of stainless steel BS-EN 10028-7:316
- ISO 9001: 2008
- CE Marked

Information is subject to change to suit different options added. This information is correct as of 10th January 2017, E & OE