



Portaclave[®]™ Portable Autoclaves

Specifications for :

ST1528E ST2228E ST3028E
ST1528V ST2228V ST3028V

Design Features

- 15, 22 or 30 litres
- Manual or Vario digital Controller
- Robust space saving design
- Single phase 'plug & play'
- Compact and fully portable
- No plumbing needed
- Minimal Maintenance
- Grade 316 stainless steel chamber

Vario Controller

- Variable Temperature 100°C—121°C
- Variable Time: 1—99 minutes
- Preset Cycles:
 - 30 mins @ 115°C
 - 15 mins @ 121°C
 - 30 mins @ 121°C
 - 60 mins @ 115°C



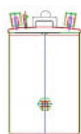
Capacities and dimensions			
Model Name	Portaclave 15E	Portaclave 22E	Portaclave 30E
Model No.	ST1528E	ST2228E	ST3028E
Capacity	15 L	22 L	30 L
Autoclave Weight	19kg	21kg	23kg
Export Case Size	470w x 680h x 470h	470w x 880h x 470h	470w x 880h x 470h
Overall Dimensions	370w x 485h x 390d	370w x 600h x 390d	370w x 730h x 390d
Chamber Dimensions	280 Ø x 245d	280 Ø x 360d	280 Ø x 490d
Water Capacity	2L	2L	2L
1L Media Bottles	4	4	8
Basket Dimensions	240 Ø x 220d	240 Ø x 220d	240 Ø x 440d
Digital Controller	No	No	No

Capacities and dimensions			
Model Name	Portaclave 15V	Portaclave 22V	Portaclave 30V
Model No.	ST1528V	ST2228V	ST3028V
Capacity	15 L	22 L	30 L
Autoclave Weight	19kg	21kg	23kg
Export Case Size	470w x 680h x 470h	470w x 880h x 470h	470w x 880h x 470h
Overall Dimensions	370w x 485h x 390d	370w x 600h x 390d	370w x 730h x 390d
Chamber Dimensions	280 Ø x 245d	280 Ø x 360d	280 Ø x 490d
Water Capacity	2L	2L	2L
1L Media Bottles	4	4	8
Basket Dimensions	240 Ø x 220d	240 Ø x 220d	240 Ø x 440d
Digital Controller	Yes (Vario)	Yes (Vario)	Yes (Vario)





Human Scale



Safe Design Operating Limits

Model	Portaclave 15	Portaclave 22	Portaclave 30
Model No.	ST1528	ST2228	ST3028
Max working temperature	121°C	121°C	121°C
Min working temperature	7°C	7°C	7°C
Max ambient temperature	28°C	28°C	28°C
Min ambient temperature	11°C	11°C	11°C
Max hydraulic pressure	2.0 Bar	2.0 Bar	2.0 Bar
Max working pressure	1.3 Bar	1.3 Bar	1.3 Bar

Site Requirements

Electrical site requirement: 13amp Socket Outlet

Model	Portaclave 15	Portaclave 22	Portaclave 30
Model No.	ST1528	ST2228	ST3028
Voltage	230V	230v	230v
Phase Requirement	1ph/N 50/60 Hz	1ph/N 50/60 Hz	1ph/N 50/60 Hz
Power Consumption	2kw	2kw	2kw
Fuse Rating	13 amp	13 amp	13amp



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.

Complying Standards

- PED Cat 1 & 2 Module D1 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 PD5500:2022 & BS2646 :2021
- PM73 Lid Locking Devices
- ISO 9001: 2015
- CE Marked

Information is subject to change to suit different options added. This information is correct as of 9th October 2025, E & OE