

## FDA 510(k) Approved Tabletop Sterilizer Range

33, 43, 63 liter models

*Fitted with heaters in chamber as standard*

The Astell Scientific range of FDA 510(k)\* approved tabletop steam sterilizers are designed to offer convenience and flexibility in the sterilization of medical and surgical instruments.

\*FDA 510(k) NO: K170304

Instruments for sterilization include wrapped and unwrapped metal medical instruments, unwrapped glassware and pouched hand pieces.

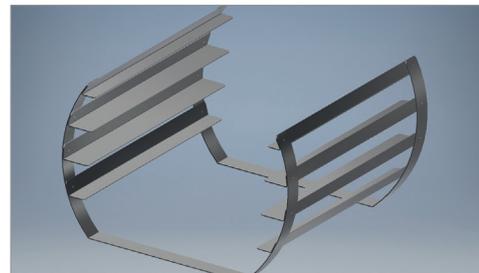
Only United States Food and Drug Administration cleared accessories such as sterilization wraps, pouches, chemical indicators, biological indicators and sterilization cassettes should be used with this autoclave.

Astell's FDA 510(k) Tabletop Sterilizer Range is available in three sizes and is totally self-contained. These units require no plumbing, and only a standard power supply.

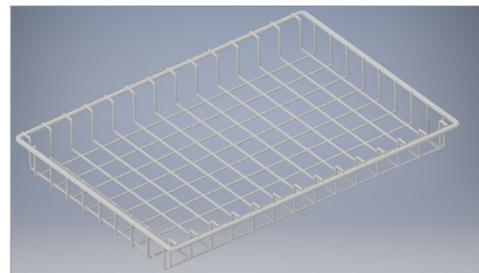
**Autofill** – Astell FDA 510(k) (UMB model range) sterilizers have an integral water tank. Once filled, it will supply up to 15 cycles, and also act as a collection vessel for condensate and the water that is automatically returned from the chamber at the end of each cycle (**minimising water usage**).

### Other features include:

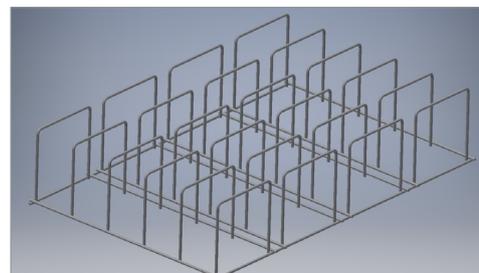
- Compliant with ANSI/AAMI ST55:2010 standard
- Four FDA approved cycles suitable for Metal Medical Instruments (Unwrapped), Metal Medical Instruments (Wrapped), Glassware (Unwrapped), and Hand Pieces (Pouches)
- Closed door drying – following sterilization, filtered air is circulated through the chamber by an efficient air pump rapidly drying each load
- Pulsed Freesteaming as standard for fast and effective air removal
- Included furniture: chamber shelf rack, two wire shelves and one pouch rack
- Create custom cycles – store up to 4 additional customized cycles in the touchscreen controller (custom cycles are not covered under these models FDA approval)
- 5.7" color touchscreen with integrated USB data port and data archiving for up to 5,000 previously run cycles
- ASME standard electropolished stainless steel chamber



4 position shelf rack



Wire shelf



Pouch rack

## Specifications

Model no.	Volume (liters)	Power supply	Chamber diam. x depth (mm)	Usable chamber depth (mm)	Overall dimensions W x H x D (mm)	Required bench depth (mm)
UMB220	33	208V/220V	350 x 360	294	520 x 600 x 805	670
UMB230	43		350 x 460	403	520 x 600 x 805	670
UMB240	63		350 x 660	600	520 x 600 x 1005	855

(Power consumption/dimensions may vary with the addition of certain options)

## Additional options

General	Integral data printer	Ref: AAR130
	Remote maintenance/diagnosis	Ref: RDM101
	Ethernet interface	Ref: AAR122
	IQ/OQ documentation	Ref: IQ/OQ
UMB220	Additional wire shelf	Ref: 389172
	Additional pouch rack	Ref: 389170
UMB230	Additional wire shelf	Ref: 389157
	Additional pouch rack	Ref: 389156
UMB240	Additional wire shelf	Ref: 389171
	Additional pouch rack	Ref: 389169

## Chamber capacity

Part name	Part ref.	UMB220	UMB230	UMB240
Wire shelf	See Additional options	4	4	4
Pouch rack	See Additional options	2	2	2

## Installation requirements

### Power requirements:

The power requirements for the standard machines are listed in the Specifications table.



Touchscreen controller



Autofill reservoir



Pressure gauge



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