Prestige Medical

Integrated Decontamination Solutions

Advance Lab

ДИА•М современная лаборатория

www.dia-m.ru заказ on-line

16 & 22 Litre Models

Cycle Times

Cycle	Min Sterilizing Temp (°C)	Sterilizing Time (Mins)	Advance Lab Cycle Time (Mins)
134C Class B	134	3.5	48
121C Class B	121	16	55
Media 1	121	16	90
Media 2	121	20	100
Media 3	126	16	85
Media 4	134	3.5	80
PCD (Process Challenge Device)	134	3.5	35
134C Class N	134	3.5	22
121C Class N	121	16	32

Note: All cycles were conducted utilising a 2kg load. The cycle time will change depending on the load type, quantity & weight

Benefits

The Advance Lab has 4 pre-programmed media cycles and 7 pre-programmed instrument cycles for you to select depending on your sterilisation requirements. Further to the standard programmes the Advance Lab has 1 programme that can be defined by you, to allow you to determine the temperature and hold time.

Additional Information

Up to 15 minutes extra drying time available for irregular loads

Average Power Usage Per Cycle

Max 16L 0.5kwh
Max 22L 0.6kwh

Approximate Cost Per Cycle

16L 5.87p
22L 6.03p
*UK only

Note: Calculations are based on a 134B cylce from a warm start.

Average Water Usage Per Cycle

Vacuum cycles 750ml (typical)
Non-vacuum cycles 450ml (typical)

The Prestige Medical media tray allows the user to load large media bottles and flasks of varying sizes in conjunction with our Prestige Medical FlexiRack system

The media tray is available for both 22L and 16L models

A “rapid change” integrated flexible PT100 reference sensor controls the temperature of the liquid in all liquid programmes and prevents the chamber door from being opened at high media temperatures

Our industry unique Prestige Medical Advance Lab reference sensor can be easily replaced in the event of damage or wear

Technical Specification

Specification	Class B Vacuum	
Chamber Capacity (litres)	16	22
Max instrument length (mm)	320	450
Width (mm)	480	480
Height (mm)	410	410
Depth (mm)	480	610
Max net weight (kg)	39.5	43.5
Chamber diameter (mm)	250	250
Chamber length (mm)	340 max	470 max
Max load non-vac	6kg	6kg
Max media load	2000ml	2000ml
Max load vacuum	6kg (Unwrapped)	8kg (Unwrapped)
*Pack size 110x110x50mm	2kg (pouched) 1kg (porous)*	2kg (pouched) 1kg (porous)*
Operating Pressure (min.)	2.05 bar (gauge)	2.05 bar (gauge)
Voltage/Wattage	230V/2200W	230V/2200W
Frequency	50Hz - 60Hz	50Hz - 60Hz

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