

NEW



The Power of Innovation.
For automated pouring and stacking
of culture media dishes.

Systec Mediafill.

Systec

the autoclave company

Advantages

- 5.7" touch-screen – easy and intuitive operation and navigation
- One touch dish selection – integrated database for pre-programmed Petri dish sizes
- Unattended, fully automatic process – filling and stacking without user intervention
- Smooth and silent operation – maximal reduced noise emission
- Even aluminum surfaces – easy to clean, no holes or gaps where media can flow into
- Three stacker-carousel heights available – for 220, 440 or 660 Petri dishes (at 16.5 mm dish height)
- EasyStack – stacker-carousel can be fully removed from Mediafill
- Integrated peristaltic pump (main pump) – for precise filling of media
- Integrated peristaltic pump (additives pump) – for precise adding of additives (optional)
- Full control of both, the main and the optional additives pump through the Mediafill touch-screen
- Drop-Stop function – prevents spills at the filling nozzle
- Shaker function – improved distribution of media into Petri dishes
- UV-Lamp with 2.3 W UVC light emission – reduces the risk of contamination
- Manual filling function – either by foot-switch or timed delay
- Peltier Cooling – for re-cooling of Petri dishes (optional)
- Printer function – printing direct on Petri dishes (optional)
- Tube filler function (optional)
- Pager function – wireless beeper gives a signal in case user intervention is required (optional)



	Mediafill	Stack 220	Stack 440	Stack 660
Length (mm)	683			
Width (mm)	662			
Height (mm)	348	410	760	1110
Diameter (mm)		566	566	566
Overall Height (mm)		800	1140	1500
Max. Petri dish stacking height (mm)		330	680	1030
Petri dish Diameter (mm)		90	90	90
Petri dish height (mm)		12 to 26	12 to 26	12 to 26
Capacity (height of Petri dishes 16.5 mm)		220	440	660
Weight (kg)				
– Mediafill	37.5			
– Stacker (without Petri dishes)		6.9	8.4	9.9
– Additives pump (optional)	0.5			
– Peltier Cooling (optional)	1.7			

Pump	
Filling range main pump (ml)	1 to 1000
Filling accuracy at 15 ml (%)	1
Filling range supplements pump (%)	3 to 10
Maximum filling rate	
– manual filling (ml/min)	1000
– dish filling (ml/min)	500
Filling delay (sec)	0 to 10
UV-Light	
Wattage (W)	9
UVC-Light emission (W)	2.3 (254 nm)
Interface	RS232
Power supply	100 V-240 V, 50/60 Hz

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