

NEW



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

Systec Mediafill.

Systec

the autoclave company

Advantages

- 5.7" touch-screen – easy and intuitive operation
- 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
- Two stacker-carousel heights available – for 220 and 440 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 – optimal 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)



	Mediafill	Stack 220	Stack 440
Length (mm)	683		
Width (mm)	662		
Height (mm)	348	410	760
Diameter (mm)		566	566
Overall Height (mm)		800	1140
Max. Petri dish stacking height (mm)		330	680
Petri dish Diameter (mm)		90	90
Petri dish height (mm)		12 to 26	12 to 26
Capacity (height of Petri dishes 16.5 mm)		220	440
Weight (kg)			
– Mediafill	37.5		
– Stacker (without Petri dishes)		6.9	8.4
– 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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