

## BioTool PetriSwiss Petri Dish Filler (PS200)

**Product Code:** BIOT950000.0

**Brand:** BioTool Swiss

The unique BioTool PetriSwiss Petri Dish Filler (PS200) is a fully automatic and very precise petri dish filling system.

This carousel filler takes the lowest dish from the stack and puts the dish, removed from its lid, and puts it into the UV-protected filling chamber. As the dish is being filled, the unit simultaneously takes the previously filled dish and assembles the next dish to be filled.

When one rack is completed, the PS200 shifts the entire carousel by one position and resumes the process until all columns are sorted. The unit stops after one full round to allow all dishes to be replaced manually or with prefilled racks.



## Features

- Fast and reliable operation guides smooth transition
- Smooth perfect agar due to the double headed pump design
- Removable racks for easy transport
- Minimal downtime with the removable racks
- Easy operation with a friendly colour touch screen
- Safe and effortless dish loading and unloading
- Ideal for filling 90mm dishes
- High sterility at pouring area due to well position UV light (with safety switch)
- Low pulsation by 10-roller pump head
- Large diameter double tubing
- Adjustable speed
- Easy cleaning process due to ergonomic design and easy access
- Small foot-print takes up less bench space

## Specifications

<b>Supply Voltage (Mains Voltage)</b>	85 - 132 VAC and 176 - 264 VAC
	47 - 63Hz
<b>Power Consumption</b>	40VA
<b>Mains Fusing</b>	250VAC/3.15A Slow - Blow
<b>Ambient Temperature</b>	+5°C to 45°C
<b>Support</b>	Sturdy support surface with a load-bearing capacity of at least 50kg
<b>Pollution Severity</b>	II
<b>Safety Class</b>	IP 2I
<b>Suitable Dish Diameters</b>	89 - 96mm
<b>Suitable Dish Heights</b>	14 - 20.5mm
<b>Dosing Quantity</b>	1.0 - 99.9ml
<b>Dosing Accuracy</b>	Approx. 2%
<b>Delivery Rate</b>	Approx. 800ml/min.
<b>Filling Capacity</b>	20 dishes/1.5 min. (15 ml)
<b>Filling Cycle Delay</b>	0.5 - 9.9 seconds
<b>AntiDrop</b>	0 - 1.0 seconds
<b>UV Contamination Safety Lamp</b>	253.7mm (0.6 Wwvc)
<b>Direct Dish Throughput</b>	Yes
<b>Quantity of Dishes per Stack</b>	1 - 20 dishes per stack
<b>Graphic Display</b>	240 x 128 pixels (with LED backlighting)
<b>Footswitch (optional)</b>	The footswitch contacts are designed as normally open contacts.
<b>Interfaces (optional)</b>	RS232 and RS485 (connection to host BioLink - laboratory device communication)
<b>Unit Dimensions with Racks (L x W x H)</b>	69 x 63 x 69cm
<b>Weight (kg)</b>	58
<b>Shipping Dimensions</b>	84 x 74 x 76cm
<b>Shipping Weight (kg)</b>	74

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