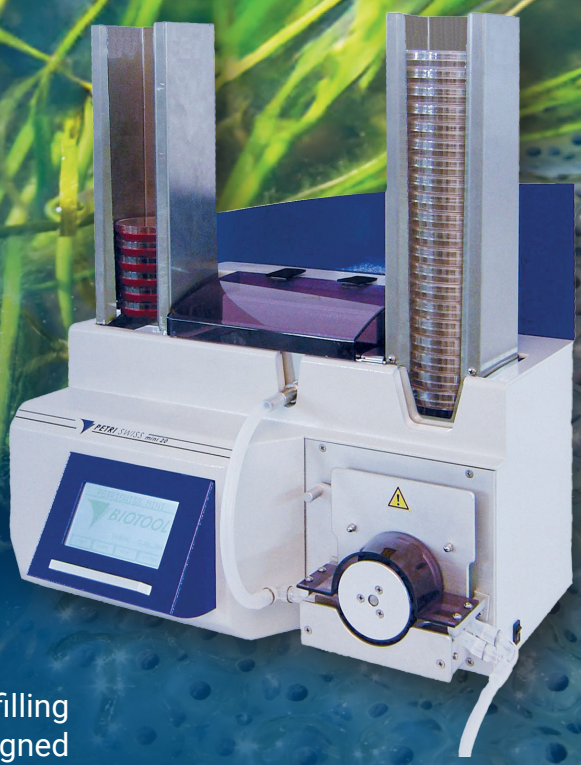
BIOTOOL
PETRI SWISS PS 20

PS20 – The Classic Choice for Small Labs

Compact. Reliable. Unmatched.



The PS20 is a fully automatic and precise Petri dish filling system – compact, efficient, and built to last. Designed and manufactured in Switzerland, it offers exceptional performance at an unbeatable price. Perfect for small labs that need a reliable and space-saving solution.
Ideal for:

- Research & development labs
- Hospitals & pharmaceutical indus-
- Food & chemical industries
- Universities & educational institutions

Key Features

Small but powerful
Fills up to 20 Petri dishes automatically

Customizable settings
Programmable dosing, speed, and stack size

Seamless automation
Automatic dish feeding, filling, stacking, and discharge

Reliable & easy to maintain
Built-in self-monitoring and diagnostic functions

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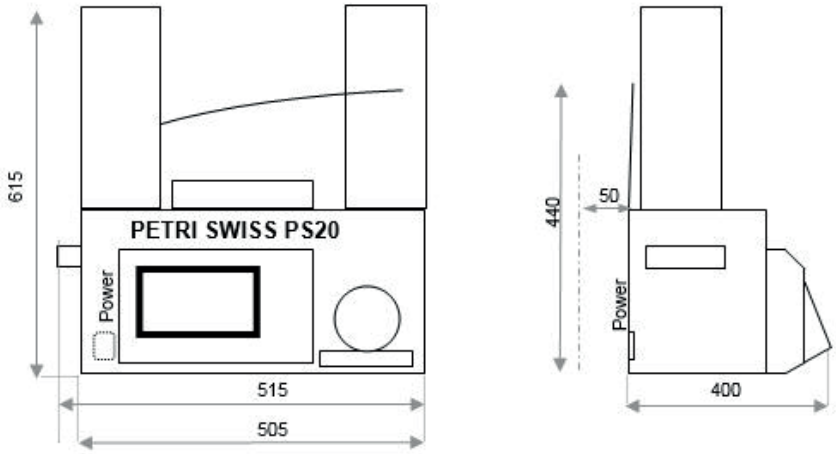

TECHNICAL DATA

(subject to technical modification)

Length	505 mm
Depth	305 mm
Height	615 mm
Net weight	Approx. 20 kg
Mains connection	40 VA 85 – 132 V AC and 176 – 264 V AC 47 – 63 Hz
Mains fusing	3.15 A / 250 V AC slow-blow
Suitable dish diameters	89 – 96 mm / 55-60 mm
Suitable dish heights	14 – 20.5 mm
Dosing quantity	1.0 – 99.9 ml
Dosing accuracy	Approx. 1 %
Delivery rate	Approx. 800 ml / min
Filling capacity	20 dishes in 1.5 min (15 ml)
Filling stroke delay	0.5 – 9.9 seconds
AntiDrop	0 – 1.0 seconds
UV lamp	253.7 nm (0.6 Wuvc)
Dish stack	1 – 20 dishes per stack
Display	240 x 128 pixels with LED backlighting
Sound pressure level	< 79 dB (A)
Pollution severity	II
Safety class	IP 21
Ambient temperature	+ 5°C to 45°C (also during transport)
Footswitch	The two footswitch contact are designed as normally open con-tacts (NO).
Interfaces (option)	RS232 for connection to host and printer RS485 for BioLink (communication with laboratory instruments)
Article number	800’000 / 810’000 / 810’000.Co