



You need small lots?

- Ideal for filling 90mm and 60mm Petri Dishes
- UV-lamp integrated
- Low pulsation by 10-roller double pump head
- Large diameter double tubings
- Adjustable speed
- Stacking of 1 - 20 plates
- Removable rack with handle for safe dish transport and exchange
- Single dosing, optional foot switch
- Easy-to-clean and handle
- Small foot-print takes up less bench space.



PETRISWISS PS20 MINI

The unique PetriSwiss PS20 Mini is a fully automatic and very precise Petri Dish filling system, "made in Switzerland".

Offering facility for applications including dish feeding, single dosing, stacking and dish discharging the Petriswiss Mini delivers precise automated operation to enhance the productivity of your laboratory.

The system can load twenty 90mm dishes with agar and restack them back into the Petrirack™ stacker in only 2 minutes.

Ideal for

- Microbiology laboratories
- Research and development
- Pharmaceutical industry
- Hospitals
- Food industry
- Universities
- Small & special batches



Equipped with intuitive intelligent software, accessible via a convenient touchscreen, any user can be efficiently using the Petriswiss Mini after minimal instruction.

- Rapid filling of 20 plates in ca. 1.5 - 2 min. (~600 plates/h)
- Easy to use
- Easy to calibrate
- Easy to clean
- Graphic display
- Dosing quantities, speed, pause and AntiDrop function
- 1-99 ml dosing range
- Optional push-out table
- Optional second pump connection for blood agar
- Rapid tubing exchange, quick load system
- Versatile and convertible

By 3 changed parts only you transform from 90mm to 60mm dishes.

pump head open



closed



filling chamber



racks for 90mm and 60mm dishes



PETRI SWISS PS20 MINI

Voltages

Mains connection	40 VA 85-132 V AC and 176-264 V AC 47-63 Hz
Mains fuse	3.15 A / 250 V AC slow blow

Options

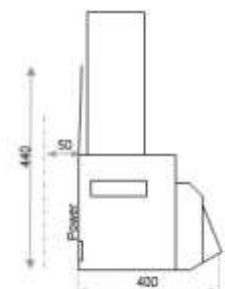
Footswitch (option)	The two footswitch contacts are designed as normally open contacts (NO contacts)
Interfaces (option)	RS232 for connection to host and printer RS485 for BioLink (communication with laboratory instruments)

Performance

Filling capacity	20 dishes in 1.5 - 2 min. (15 ml)
Dish load capacity	1 - 20 dishes per stack
Filling speed plates/h	up to 600

Dimensions

Width (mm)	515
Depth (mm)	400
Height (mm)	615
Net weight (kg)	approx. 20



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Technical data

Suitable dish diameters	89 - 96 mm
Suitable dish heights	14 -20.5 mm
Dosing quantity	1.0 - 99.9 ml
Dosing accuracy	approx. 2%
Filling cycle delay	0.5 - 9.9 seconds
AntiDrop	0 - 90°
UV lamp	253.7 nm (0.6 Wuvc)
Direct dish throughput	Yes
Display	240 x 128 pixels with LED backlighting
Sound pressure level	< 58 dB (A)
Pollution severity	II
Safety Class	IP 21
Ambient temperature	+ 5°C to 45°C (also during transport)
Unit support surface	Sturdy support surface with a load-bearing capacity of at least 50 kg

Items

800000	PetriSwiss PS20 mini, dish filler, 90 mm dishes	1 ea
810000	PetriSwiss PS 20 mini, dish filler, 60 mm dishes	1 ea
810000.CO	PetriSwiss PS20 mini, dish filler, COMBO 90 and 60 mm dishes	1 ea
101015	Double tubing set (8x12 mm) with safety nozzle	1 ea
900518	UV lamp, bulb, 254.7 nm for PS20/900	1 ea
101010	Foot switch for DP1000 and PS-series	1 ea
800180	PetriRack for 90 mm plates PS20 (left)	1 ea
800421	Stacking rack for 60 mm dishes, PS20 (left)	1 ea
800174	Pushout table for PS20, 640x500 mm	1 ea



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