

Petriswiss PS 20

Highly affordable automated petridish filling system

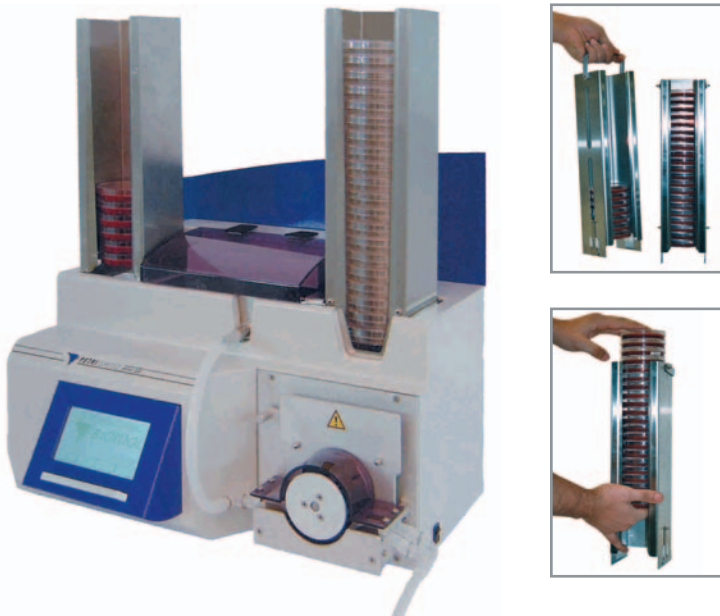
You need small lots?

Petriswiss PS 20 fills 20 dishes directly in the PetriRack. No need for manual stacking or any other manual operations. New rack - new batch!

With this compact laboratory solution, BioTool has now met wishes expressed very frequently by customers for a compact and flexible filling unit. It is ideal for production of small, special-purpose agar batches.

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.

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



Manageable dish stacks, safely stored in the PetriRack

The unit fills sets of 20 dishes (84-96mm) and these are available directly in the PetriRack. The dishes are safely stacked in the PetriRack and can even be transported, chilled or incubated in the rack. The rack can be fully autoclaved.

Of course, the dishes can also be taken continuously from the rack.

Petriswiss PS20 mini for 60mm dishes

For the efficient and safe filling of 60mm Plates the Petriswiss PS20 mini is available in a 55/60mm version as well. No instable and shakily dish racks anymore. The 60mm PetriRack hold the plates stable during filling and transportation.

The Classic Line

The Biotool Classic Line set the standards in media processing for many years. Its modular design enables individual components to be arranged according to the application involved, including the filling of 55/60mm dishes (conversion kit required).

The modularity allows the gradual scale up from sterile filling only, to a semi-automated process including automated dish feeding and stacking, extendable with expanding laboratory needs.

The Tec Classic Line fits between the high throughput solution Petriswiss PS900P with its individual dish identification and the unique compact solution Petriswiss PS20 mini.

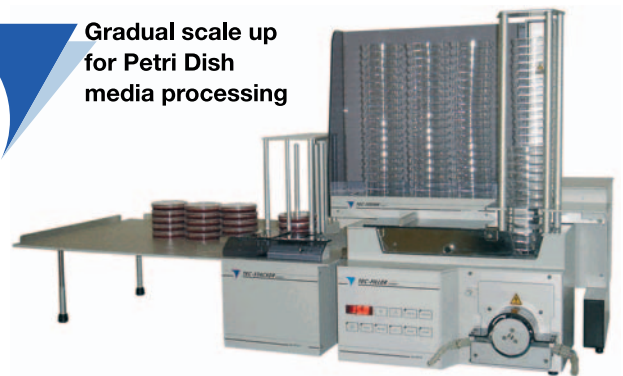
Easy-to-use and simple to clean, the Tec Classic Line can fill up to 900 standard size Petri Dishes per hour.

The variable height stacking unit provides automatic transportation of filled Petri Dishes and allows users to choose a manageable stack height of up to 15 Dishes for post-preparation handling, such as cooling, packing or transportation.

Whether your laboratory requires a complete integrated system or an individual optimised solution for automated sterile filling, feeding or stacking of Petri Dishes, the Tec Classic Line fulfils your highest requirements of quality and efficiency.

The Tec Classic Line grows with your Laboratory needs for Petri Dishes

Gradual scale up for Petri Dish media processing



The Classic Filler handles up to 900 dishes per hour (X 89-96 mm) using a sterile and reliable process. It offers easy handling, easy volume setting and calibration of the double head peristaltic pump.

The Classic Feeder offers continuous loading without interruption of the filling process. It allows the pre-filling of 120 dishes and continuous refill for an uninterrupted workflow.

The Classic Stacker stacks and transports the dishes onto the stacking table for cooling and solidification. The stacks height (2-15 dishes per stack) is freely selectable contingent on the laboratory process (storage/packing) and eliminates manual restacking to tradable heights.

Classic Filler

Classic Filler / Stacker

Classic Line complete

