

Системы для чашек Петри

Технические характеристики

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POS 720/2 Petri dish organisation system

- Selection of all necessary culture dishes for the required sample material from supplies of up to 15 different media
- The plates are output on the stack holder for collection and further processing
- Printing of additional labels for fluid media or rarely used culture media
- Large magazine – supplies of up to 600 plates
- High speed of up to 600 plates per hour



The Petri dish organisation system automates and accelerates processes and provides relief to personnel in microbiological laboratories. Up to 600 Petri dishes with 15 different media are available for further processing. The right plates for each test material are selected automatically based on specific criteria.

The plates are labelled on the base or the side to ensure all the necessary information is easy to read. Special labels are also printed on a separate printer. The Petri dishes are then sorted according to sample and work area, put into a stack and made available for the next step. Subsequently, samples can be loaded and plates can be streaked manually at the streaking station.

PTS Petri dish transfer system

- Transport system for stacks of plates to the streaking stations
- Customised configuration of the track length and route
- Low personnel requirement and easy to operate
- Reliable provision of all required Petri dishes
- Reliable identification of plates throughout processing



The Petri dish Transfer System ensures the continuous automatic transport of the stack of plates on a conveyor belt to the streaking stations. This saves transport time and makes the process even more effective. The stack of plates is delivered to the different work stations (varia, fungi, stool, urine, etc.) in the exact sequence requested for the individual samples. This improves the processes and efficiency in the laboratory.

Petri dish 35 x 10 mm



Ø x height

35 x 10 mm

Ventilation cams

Yes

- Suitable for observing the growth of small quantities of samples on culture media
- Made of crystal-clear polystyrene
- Resistant to applications with approx. 60 °C hot and liquid agar
- Petri dishes with twelve ventilation cams in the lid for the optimal gas exchange and reduced condensation
- Sterilised by gamma irradiation

Purity	Colour	Packaging (SP/IB/OC)	SP	Order no.
Sterile	☒	20 / 20 / 500		82.1135.500

Petri dish 60 x 15 mm



Ø x height

60 x 15 mm

Ventilation cams

Yes

- Ideal for determining bacterial count using the membrane filter technique
- Made of crystal-clear polystyrene
- Resistant to applications with approx. 60 °C hot and liquid agar
- Petri dishes with six ventilation cams in the lid for optimal gas exchange and reduced condensation
- Sterilised by gamma irradiation

Purity	Colour	Packaging (SP/IB/OC)	SP	Order no.
Sterile	☒	20 / 20 / 500		82.1194.500

Petri dish 92 x 16 mm



Ø x height

92 x 16 mm

Ventilation cams

No

- Ideal for cultivating microorganisms on and in solid culture media
- Petri dish without ventilation cams for optimum incubation times
- Fully automated production from crystal-clear polystyrene
- Resistant to applications with approx. 60 °C hot and liquid agar
- Can be stacked and used in common automated plate pouring systems

Purity	Colour	Packaging (SP/IB/OC)	SP	Order no.
Sterile	☒	20 / 480 / 480		82.1472.001
–	☒	20 / 480 / 480		82.1472



Petri dish 92 x 16 mm

Ø x height 92 x 16 mm
Ventilation cams Yes

- Ideal for cultivating microorganisms on and in solid culture media
- Petri dishes with three ventilation cams in the lid for optimal gas exchange and reduced condensation
- Fully automated production from crystal-clear polystyrene
- Resistant to applications with approx. 60 °C hot and liquid agar
- Can be easily stacked and used in common automated plate pouring systems

Purity	Graduation	Colour	Packaging (SP/IB/OC)	SP	Order no.
Sterile	–	☒	20 / 480 / 480		82.1473.001
–	–	☒	20 / 480 / 480		82.1473
–	2 compartments	☒	20 / 480 / 480		82.1195
–	–	■	20 / 480 / 480		82.1473.020
–	–	■	20 / 480 / 480		82.1473.040
–	–	■	20 / 480 / 480		82.1473.060
–	–	■	20 / 480 / 480		82.1473.080

Petri dish 150 x 20 mm



Ø x height 150 x 20 mm
Ventilation cams Yes

- Often used for botanical analyses and applications due to the large diameter
- Petri dishes with six ventilation cams in the lid for optimal gas exchange and reduced condensation
- Fully automated production from crystal-clear polystyrene
- Resistant to applications with approx. 60 °C hot and liquid agar
- Sterilised by gamma irradiation

Purity	Colour	Packaging (SP/IB/OC)	SP	Order no.
Sterile	☒	10 / 10 / 100		82.1184.500

Petri dish 100 x 100 x 20 mm, square



Length x width x height 100 x 100 x 20 mm
Ventilation cams No

- Often used for botanical analyses and applications due to the large overall surface
- Square Petri dish without ventilation cams for optimum incubation times
- Fully automated production from crystal-clear polystyrene
- Resistant to applications with approx. 60 °C hot and liquid agar
- Sterilised by gamma irradiation

Purity	Colour	Packaging (SP/IB/OC)	SP	Order no.
Sterile	☒	4 / 4 / 160		82.9923.422



DishRack 50

Height	240 mm
Material	PC
Storage capacity	52

- Convenient transport of up to 52 Petri dishes
- Suitable for round Petri dishes with a diameter between 92 - 100 mm
- Made of high-quality, temperature-resistant and unbreakable polycarbonate
- Two flexible silicone strips hold the Petri dishes securely in place
- Can be autoclaved at 121 °C and largely resistant to acids and alkalis

Colour	Packaging (SP/IB/OC)	SP	Order no.
☒	1 / 1 / 1		93.1647
■	1 / 1 / 1		93.1647.001
■	1 / 1 / 1		93.1647.002
■	1 / 1 / 1		93.1647.003
■	1 / 1 / 1		93.1647.004



DishRack 80

Height	370 mm
Material	PC
Storage capacity	88

- Convenient transport of up to 88 Petri dishes
- Suitable for round Petri dishes with a diameter between 92 - 100 mm
- Made of high-quality, temperature-resistant and unbreakable polycarbonate
- Two flexible silicone strips hold the Petri dishes securely in place
- Can be autoclaved at 121 °C and largely resistant to acids and alkalis

Colour	Packaging (SP/IB/OC)	SP	Order no.
☒	1 / 1 / 1		93.1646
■	1 / 1 / 1		93.1646.001
■	1 / 1 / 1		93.1646.002
■	1 / 1 / 1		93.1646.003
■	1 / 1 / 1		93.1646.004

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