Instructions for use
epT.I.P.S. Motion Racks
English (EN)

Before using the accessories for the first time, read these instructions for use. Also read the operating manual of the device the accessories are used with.

1 Product description

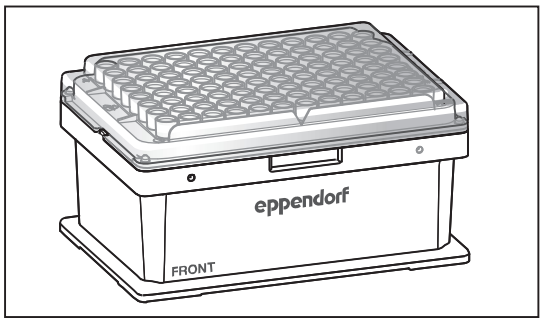


Fig. 1: epT.I.P.S Motion Rack

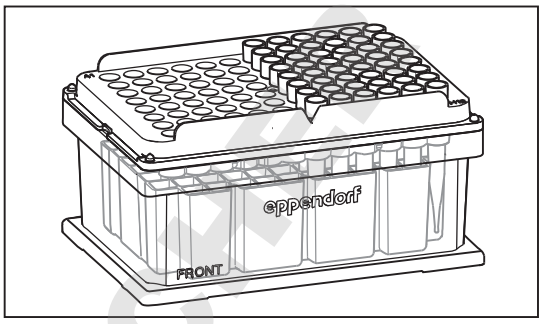


Fig. 2: epT.I.P.S Motion SafeRack

epT.I.P.S. Motion Racks and epT.I.P.S. Motion SafeRacks contain 96 epT.I.P.S. Motion pipette tips each.

epT.I.P.S. Motion Racks are intended for applications requiring single use of pipette tips.

epT.I.P.S. Motion SafeRacks are suitable for applications in which pipette tips are used multiple times. epT.I.P.S. Motion SafeRacks have a partition to separate pipette tips. A partition prevents residual liquid from contaminating adjacent pipette tips.

epT.I.P.S. Motion Racks and epT.I.P.S. Motion Safe Racks are coded. The optical sensor of the ep*Motion* determines the size of the pipette tips by means of the code. The optical sensor also detects if the pipette tips have a filter.

epT.I.P.S. stands for "**ep**pendorf **T**otally **I**ntegrated **P**ipetting **S**ystem".

You can find further information about epT.I.P.S. Motion in the ep*Motion* operating manual.

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2 Safety

2.1 Intended use

epT.I.P.S. Motion are transparent pipette tips for use on the ep*Motion*. epT.I.P.S. Motion are available in Racks and SafeRacks.

epT.I.P.S. Motion of size 10 µL may only be used on devices ep*Motion* 5070, ep*Motion* 5073, ep*Motion* 5075.

epT.I.P.S. Motion Racks are intended for single use only. epT.I.P.S. Motion SafeRacks are suited for applications that require multiple use of pipette tips.

Fields of application are training, routine and research laboratories in the area of life sciences, industry, medical and pharmaceutical research as well as chemistry.

The application requires skilled personnel trained in the areas listed above.

2.2 Safety precautions



WARNING! Damage to health due to infectious liquids and pathogenic germs.

- When handling infectious liquids and pathogenic germs, observe the national regulations, the biological security level of your laboratory, the Material Safety Data Sheets, and the manufacturer's application notes.
- Wear your personal protective equipment.
- For comprehensive regulations about handling germs or biological material of risk group II or higher, please refer to the "Laboratory Biosafety Manual" (source: World Health Organization, Laboratory Biosafety Manual, in its respectively current valid version).



WARNING! Danger due to flammable and infectious liquids in the waste container.
Pipette tips in the waste container may contain flammable or infectious liquids.

- Wear your personal protective equipment.
- Handle the pipette tips and sample materials from the waste container in accordance with the Material Safety Data Sheets, safety regulations and laboratory guidelines.

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NOTICE! Contamination due to the use of the wrong pipette tips.
The optical sensor does not detect whether the pipette tips on the worktable are intended for single use (epT.I.P.S. Motion Rack, epT.I.P.S. Motion Reload) or for multiple use (epT.I.P.S. Motion SafeRack).

- If you use pipette tips several times, equip the entire worktable with epT.I.P.S. Motion SafeRacks.

NOTICE! Wrong reservoir detection due to missing pipette tips.
The optical sensor checks the start position and end position of the pipette tips in the rack. The optical sensor does not check if pipette tips are missing in the center.

- Do not remove any pipette tips from the rack.

NOTICE! Dispensing error due to incorrect handling of pipette tips.
Tips become deformed and change size during autoclaving.

- Do not autoclave pipette tips. Use pipette tips specified as Sterile, if necessary.
- Do not stack racks that contain pipette tips.

NOTICE! Damage to pipette tips from aggressive chemicals.
Aggressive substances can damage the pipette tips.

- Check if the pipette tips are resistant to the chemicals you use.

3 Operation

3.1 Unpack epT.I.P.S. Motion Racks

1. Check packing and Rack before use. Do not use damaged Racks.
2. To remove protective foil hold the rack at the side and pull on the tear-strip. The lid is loosely attached.

3.2 Place epT.I.P.S. Motion Racks on the worktable

- Place Rack on the desired location on the worktable with labeling facing to the front.

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4 Technical data

4.1 Material

Pipette tips	Polypropylene (PP)
Filters of the pipette tips	Polyethylene (PE)
Trays	Polypropylene (PP)
Protective foil of the racks	Polyethylene (PE)
Racks, SafeRacks	Polypropylene (PP)

4.2 Ambient conditions

Ambience	Only for use in indoors.
Ambient temperature	5 °C – 40 °C
Relative humidity	10 % – 95 %, non-condensing
Atmospheric pressure	79.5 kPa – 106 kPa

4.3 Storage

Racks, SafeRacks and Reloads must be placed on the underside for storage. This ensures that the pipette tips are fastened in the trays.

Temperature for storage in transport packing	-20 °C – 55 °C
Temperature for storage without transport packing	-5 °C – 45 °C
Relative humidity	10 % – 95 %
Atmospheric pressure	70 kPa – 106 kPa

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5 Ordering information

5.1 epT.I.P.S. Motion Racks

Order no. (International)	Order no. (North America)	Description
		epT.I.P.S. Motion 10 µL 10 racks with 96 tips each
0030 014.383	0030014383	Eppendorf Quality
0030 015.185	0030015185	Sterile
		epT.I.P.S. Motion Filter 10 µL 10 racks with 96 tips each
0030 014.391	0030014391	PCR clean
0030 015.193	0030015193	PCR clean and Sterile
		epT.I.P.S. Motion 50 µL 10 racks with 96 tips each
0030 014.405	0030014405	Eppendorf Quality
0030 015.207	0030015207	Sterile
		epT.I.P.S. Motion Filter 50 µL 10 racks with 96 tips each
0030 014.413	0030014413	PCR clean
0030 015.215	0030015215	PCR clean and Sterile
		epT.I.P.S. Motion 300 µL 10 racks with 96 tips each
0030 014.448	0030014448	Eppendorf Quality
0030 015.223	0030015223	Sterile
		epT.I.P.S. Motion Filter 300 µL 10 racks with 96 tips each
0030 014.456	0030014456	PCR clean
0030 015.231	0030015231	PCR clean and Sterile
		epT.I.P.S. Motion 1 000 µL 10 racks with 96 tips each
0030 014.480	0030014480	Eppendorf Quality
0030 015.240	0030015240	Sterile
		epT.I.P.S. Motion Filter 1 000 µL 10 racks with 96 tips each
0030 014.499	0030014499	PCR clean
0030 015.258	0030015258	PCR clean and Sterile

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5.2 epT.I.P.S. Motion SafeRacks

Order no. (International)	Order no. (North America)	Description
0030 014.600	0030014600	**epT.I.P.S. Motion 50 µL** 10 SafeRacks with 96 tips each Eppendorf Quality
0030 014.618	0030014618	**epT.I.P.S. Motion Filter 50 µL** 10 SafeRacks with 96 tips each PCR clean
0030 014.626	0030014626	**epT.I.P.S. Motion 300 µL** 10 SafeRacks with 96 tips each Eppendorf Quality
0030 014.634	0030014634	**epT.I.P.S. Motion Filter 300 µL** 10 SafeRacks with 96 tips each PCR clean
0030 014.642	0030014642	**epT.I.P.S. Motion 1 000 µL** 10 SafeRacks with 96 tips each Eppendorf Quality
0030 014.650	0030014650	**epT.I.P.S. Motion Filter 1 000 µL** 10 SafeRacks with 96 tips each PCR clean

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Your local distributor: www.eppendorf.com/contact
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