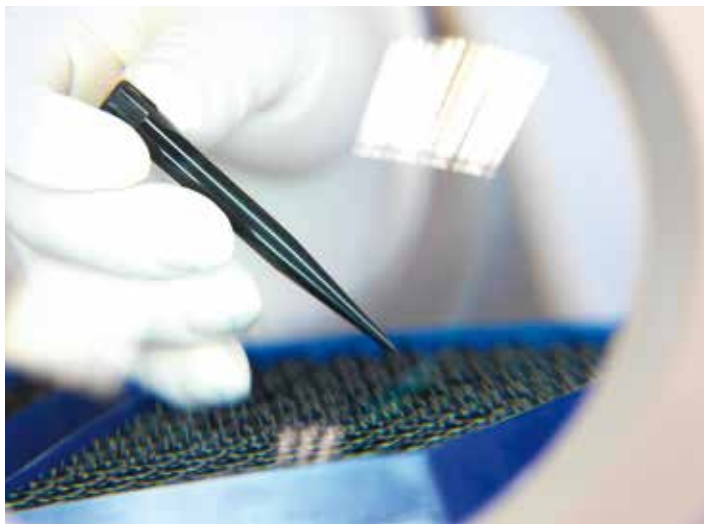


Pipet Tips

Pipet tips

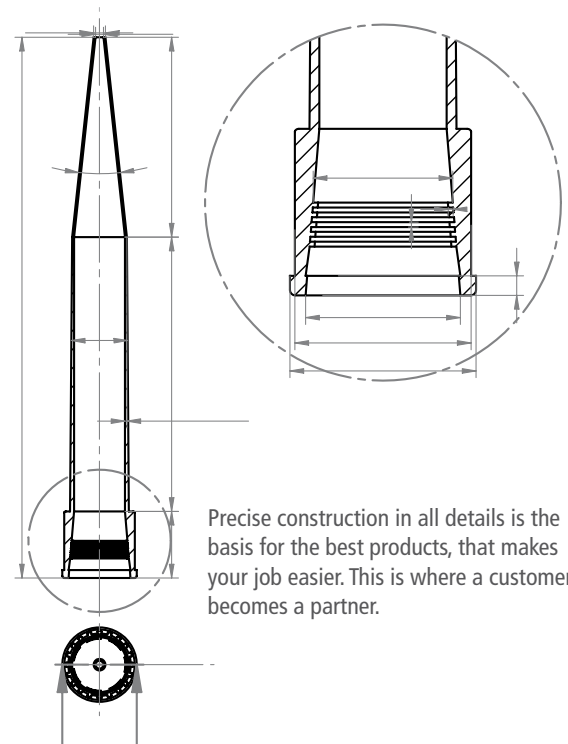
ratiolab® pipet tips are ideal for all commercially available pipets. Their uniform high quality and precision make today's pipets fully effective. Together with specially developed Multirack, Refill System and the ratiolab® Multibox® with the associated pipet tips in Multitray®, they make pipetting much simpler and safe, also in the most sensitive applications. Our pipet tips are perfectly fit for manual or electronic, single or multichannel pipets.



Precision in each and every detail – a guarantee for highest quality.

- made of high quality polypropylene
- tight fit due to the precisely fitting cone
- optimal handling due to the stable shape
- autoclavable
- guaranteed dust-free due to special ionization treatment
- available pre-sterilized or non-sterile
- excellent transparency due to high quality surfaces
- minimal residual wetting due to controlled quality of raw materials
- excellent volume accuracy due to precise tip orifice
- practice-oriented tip volumes
- aerosol® tips with special filters made of hydrophobic HD-PE as aerosol barrier and for protection against contamination
- suitable for all commonly used pipet types

This is why ratiolab® pipet tips always provide perfect results.



Pipet Tips System and Refill System



Pipet Tips System

Multirack

The new ratiolab® Multiracks provide even more time saving, perfect hygienic conditions and simple operation.

- the pipet tips are placed on a robust matrix, in a 8 x 12 format for all tips up to 300 µl, and in a 6 x 10 format for tip size 100 – 1000 µl
- the tips can be picked-up by 1, 8 or 12-channel pipettors as well as by pipetting robots contamination-free and without any hand contact
- the Multiracks are durable and steady, and the hinged cover can be opened up to 180°
- after work, the Multibox® can be closed firmly by means of a click closure to protect the tips from dust
- the Multiracks are completely autoclavable at 121 °C, 20 min
- Multiracks are available in sterile and non-sterile packs

Order information on the pages 21-25.



Pipet Tips Refill System

Multibox®plus and -ultra/MultiTray® System

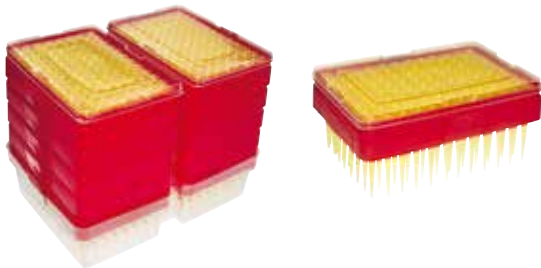
The new ratiolab® Multibox®plus and -ultra/MultiTray® system simplifies the handling of pipet tips and provides more safety.

MultiTray®, the dust-proof refill packs made of plastics for ratiolab® pipet tips, hold the tips in plastic matrices. Up to five plastic matrices filled with tips are stacked on top of each other in the space saving MultiTray®. For tips up to 300 µl the matrices contain 96 pipet tips in the 8 x 12 standard format. All 100 – 1000 µl tips are in a 6 x 10 format on the matrices. The matrices can simply be removed from the Multibox® with the two finger tabs.

The MultiTray® matrices fit securely into the Multibox®plus and -ultra with a soft click. The framework of the Multibox®plus and -ultra provides full support for the MultiTray® matrices – resulting in convenient and safe tip pick-up, even with 8- and 12-channel pipetors. For tip removal the dustproof, hinged cover of the Multibox®plus and -ultra may be opened completely or partially by using the additional sliding mechanism. For cleaning the cover can be removed.

The ratiolab® Multibox®plus and -ultra/MultiTray® system is space- and cost-saving. It clearly reduces the amount of waste, and it provides more convenient and safe pipetting and sterilization.

Pipet Tips Refill System



Multibox® plus and -ultra for MultiTray® pipet tips

- Reusable pipet tip boxes for the ratiolab® MultiTray® refill systems.
- Multibox® plus, PC, with dust-proof hinged and sliding lid, completely removable
 - Multibox® ultra, PP, with hinged lid
 - can be autoclaved several times at 121 °C, 20 min
 - quantity per pack: 1 pc.
 - deliver: Multibox®plus or -ultra without MultiTray® and without pipet tips

Product	Fig. No.	Volume	Order No.
ratiolab® Multibox® plus, PC, empty, for all MultiTray® pipet tips	1	up to 1000 µl	80 10 161
ratiolab® Multibox® ultra PP, empty, for all MultiTray® pipet tips	2	up to 300 µl	80 30 160
ratiolab® Multibox® ultra PP, empty, for all MultiTray® pipet tips	3	up to 1000 µl	80 30 170

MultiTray® for Multibox®plus and Multibox®ultra

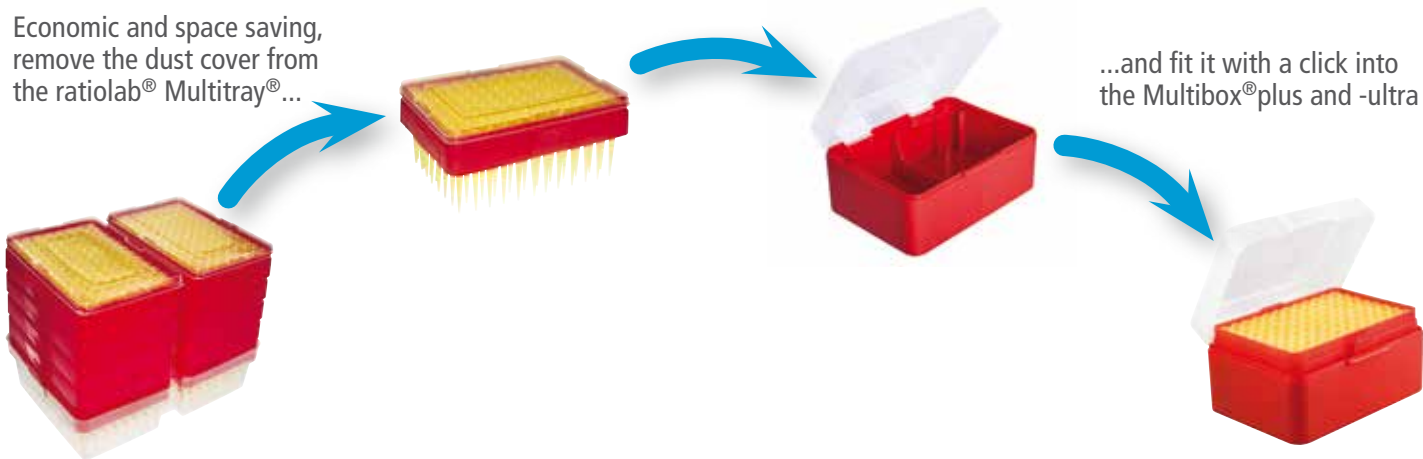
- dust-proof refill pack with several plastic matrices filled with tips
- the most functional, environmentally-friendly, space and cost-saving packaging

Order information on the pages 21-25.

Economic and space saving, remove the dust cover from the ratiolab® Multitray®...

...lift a single dust-proof tip matrix,...

...and fit it with a click into the Multibox®plus and -ultra



Pipet Tips

Pipet Tips

CE IVD

Typ	Volume Range µl	Length mm	Packaging	Fig. No.	Quantity per Pack	Order No.
Crystal pipet tip "E", for all commonly used pipets, ratiopetta® 	0,5-20	45,80	bag 1 x 1000	1	1000	25 00 170
			Multiracks 10 x 96	2	960	25 13 172
			Multiracks, sterilized 10 x 96	2	960	25 53 172
			MultiTray® 10 x 96	3	960	25 30 172
Crystal pipet tip "G", for Gilson® Pipetman®/Neo 	0,1-10	38,30	bag 1 x 1000	1	1000	25 00 190
			Multiracks 10 x 96	2	960	25 13 192
			Multiracks, sterilized 10 x 96	2	960	25 53 192
			MultiTray® 10 x 96	3	960	25 30 192
Crystal pipet tip xl, for all commonly used pipets, ratiopetta® 	0,1-10	45,50	bag 1 x 1000	1	1000	21 00 500
			Multiracks 10 x 96	2	960	25 13 502
			Multiracks, sterilized 10 x 96	2	960	25 53 502
			MultiTray® 10 x 96	3	960	25 30 173
Yellow pipet tip "E", for all commonly used pipets, ratiopetta® 	1-200	49,50	bag 1 x 1000	1	1000	21 00 600
			Multiracks 10 x 96	2	960	21 13 602
			Multiracks, sterilized 10 x 96	2	960	21 53 602
			MultiTray® 10 x 96	3	960	21 30 602
Colorless pipet tip "E", for all commonly used pipets, ratiopetta® 	1-200	49,50	bag 1 x 1000	1	1000	24 00 600
			Multiracks 10 x 96	2	960	24 13 602
			Multiracks, sterilized 10 x 96	2	960	24 53 602
			MultiTray® 10 x 96	3	960	24 30 602
Yellow pipet tip "universal", for all commonly used pipets, ratiopetta® 	1-250	51,20	bag 1 x 1000	1	1000	25 00 160
			Multiracks 10 x 96	2	960	25 13 162
			Multiracks, sterilized 10 x 96	2	960	25 53 162
			MultiTray® 10 x 96	3	960	25 30 162
Colorless pipet tip "universal", for all commonly used pipets, ratiopetta® 	1-250	50,00	bag 1 x 1000	1	1000	25 00 163
			Multiracks 10 x 96	2	960	25 13 163
			Multiracks, sterilized 10 x 96	2	960	25 53 163
			MultiTray® 10 x 96	3	960	25 30 163
Pipet tip "Oxford", for Oxford® pipets 	1-200	65,30	bag 1 x 1000	1	1000	25 00 110

Pipet Tips

Pipet Tips

CE IVD

Typ	Volume Range µl	Length mm	Packaging	Fig. No.	Quantity per Pack	Order No.
Pipet tip "MLA", for MLA® pipets	1-200	47,50	bag 1 x 1000	1	1000	25 00 140
						
Pipet tip "wide bore", for all commonly used pipets, ratiopetta®	1-200	50,50	bag 1 x 1000	1	1000	21 00 553
						
Blue pipet tip "E", for all commonly used pipets, ratiopetta®	100-1200	70,94	bag 1 x 1000	1	1000	21 00 610
			Multiracks 10 x 60	2	600	21 13 612
			Multiracks, sterilized 10 x 60	2	600	21 53 612
			MultiTray® 16 x 60	3	960	21 30 612
						
Colorless pipet tip "E", for all commonly used pipets, ratiopetta®	100-1200	70,94	bag 1 x 1000	1	1000	24 00 610
			Multiracks 10 x 60	2	600	24 13 612
			Multiracks, sterilized 10 x 60	2	600	24 53 612
			MultiTray® 16 x 60	3	960	24 30 612
						
Pipet tip "MLA", for MLA® pipets	100-1000	86,30	bag 1 x 1000	1	1000	25 00 150
						
Pipet tip "wide bore", for all commonly used pipets, ratiopetta®	100-1000	85,40	bag 1 x 1000	1	1000	21 00 555
						
Pipet Tip Dr. Lange, for Pipets Dr. Lange®	100-1000	86,30	bag 1 x 1000	1	1000	25 00 130
						

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Pipet Tips

Pipet Tips

CE IVD

Typ	Volume Range µl	Length mm	Packaging	Fig. No.	Quantity per Pack	Order No.
Colorless pipet tip "ES", for Pipets Eppendorf® Reference®, Socorex® Calibra, ratiopetta®	500-2500	115,00	bag 1 x 250	1	250	25 00 180
Pipet Tip "Finntip", for Pipets Thermo Scientific Finntip® F1 and F2, Pipets Dr. Lange®	1000-5000	147,60	collapsible box 1 x 75	4	75	24 00 620
			bag 1 x 1000	1	1000	24 00 622
			bag 1 x 3000	1	3000	24 00 623
			bag 1 x 500	1	500	24 00 624
			rack 1 x 50	5	50	24 10 620
Pipet Tip "Makro", for Pipets Eppendorf® Research Plus and Gilson® Pipetman®/Neo	1000-5000	119,70	bag 1 x 250	1	250	24 00 630
			rack 1 x 50	6	50	24 10 630
Pipet Tip "Makro II", for Pipets Biohit® proline	1000-5000	126,00	bag 1 x 300	1	300	24 00 650
			rack 1 x 50	5	50	24 10 650
Pipet Tip "Makro II", for Pipets Biohit® proline	1000-5000	133,30	bag 1 x 300	1	300	24 00 653
			rack 1 x 50	5	50	24 10 653
Pipet Tip "Finntip", for Pipets Thermo Scientific Finntip® F1 and F2	2000-10000	150,20	bag 1 x 100	1	100	24 00 640
			rack 1 x 25	5	25	24 10 640
Pipet Tip, for Pipets Biohit® mLINE® Pipet and Gilson® Pipetman®	1000-10000	153,60	bag 1 x 100	1	100	24 00 642

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