

**NEW!**  
ep Dualfilter  
T.I.P.S.®

# Peak of perfection



# eppendorf

# A generation of tips to set standards



## Eppendorf Totally Integrated Pipetting System

### A pipette is only as good as its tip

Only a perfectly manufactured pipette tip can ensure that the precision of a modern pipette is maximized. Our epT.I.P.S.—Eppendorf *Totally Integrated Pipetting System*—have been developed to work in perfect combination with our pipettes. The results are reduced-force tip attachment and ejection with complete sealing. Additionally, the universal nose cone design allows the tips to be used with pipettes from other manufacturers.

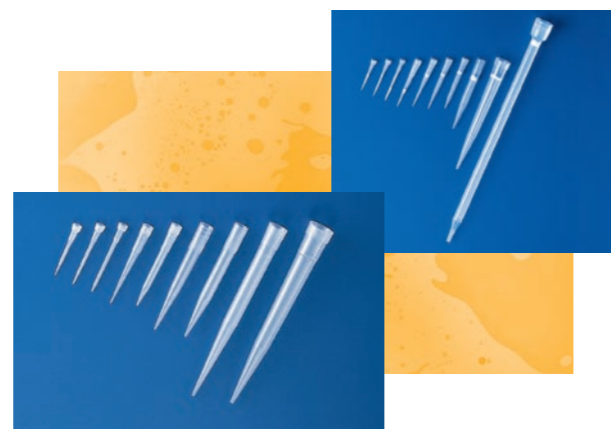
As we have our own production facilities, we can maintain the highest standards in the selection and processing of plastic materials. Ideal wetting properties, high transparency and special certified purity levels are the visible expression of this production philosophy.

### Production without compromise

Having our own production facility means that each one of our epT.I.P.S. is manufactured to the highest quality standards. Through our selection of the best plastic materials and ISO 9001-certified production processes, our tips maintain ideal wetting properties and boast high transparency and certified purity levels.

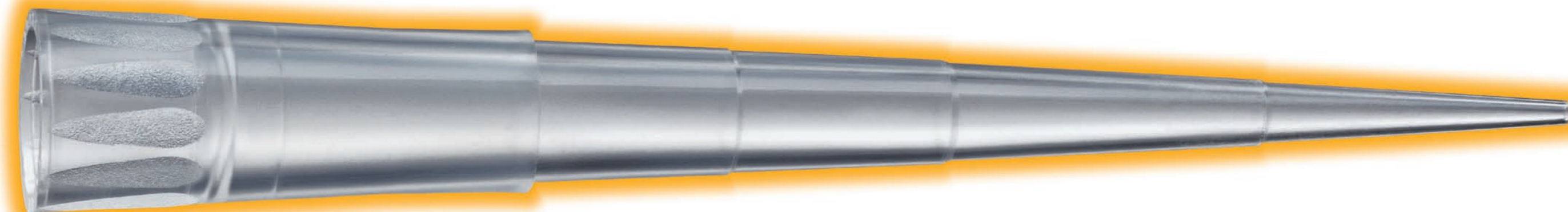
Every tip is manufactured to match specifically to its respective Eppendorf® pipette(s), thus ensuring the maximum precision and reliability you have come to expect and rely on.

The Eppendorf pipette and tip system satisfies all of the requirements of EN ISO 8655 standards.



## Tip-top design!

- Drop-contour design gives all Eppendorf tips a uniform look
- Soft, flexible tip cone ensures better pipette tip sealing
- Ergonomically optimized cone geometry ensures perfect fit on Eppendorf pipettes
- Universal fit—can be used with pipettes from other manufacturers



# Eppendorf pipette tips – an investment in quality

## Eppendorf Totally Integrated Pipetting System



### The contamination-free refill system

The epT.I.P.S. refill system consists of the reusable, fully auto-clavable epT.I.P.S. box and the “epT.I.P.S. Reloads” refill trays. This system offers the easiest possible handling in a space-saving and environmentally friendly package. All components are 100% recyclable, which greatly reduces overall waste as compared with conventional tips packages.



### Product features

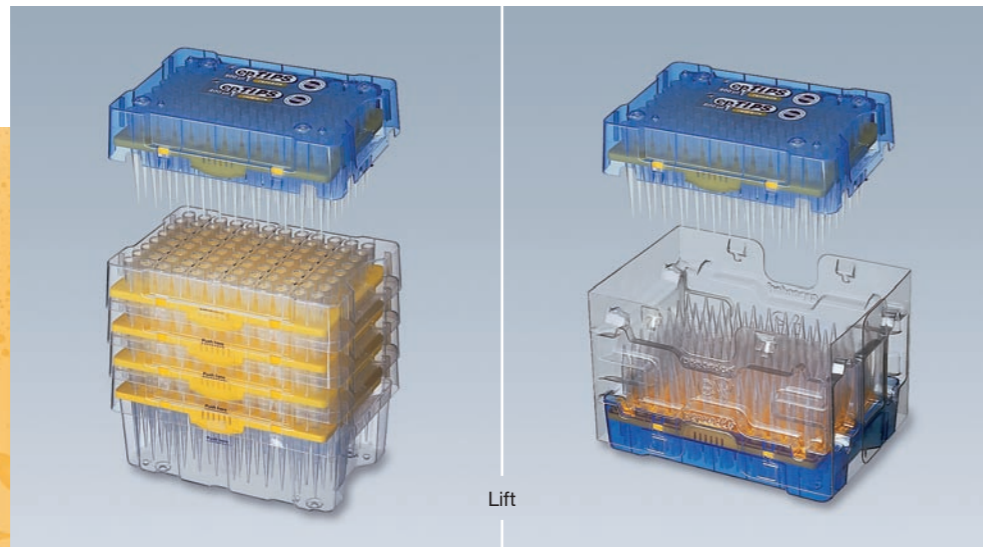
- Contamination-free handling of the refill tray—plastic lids protect refill trays from direct contact during transfer to the reusable box (see next page)
- Stable, sturdy box design is ideal for working with multichannel pipettes
- Reloads can be autoclaved in their packaging and stored for future use—reducing the need for multiple refill boxes
- Color-coded tray for easy volume identification and matching to respective Eppendorf® pipette
- Reloads available in two purity levels:
  - Eppendorf Quality
  - PCR clean—free of human DNA, DNase, RNase and PCR inhibitors (see page 5)
- IVD conformity



- Fine graduations make it easy to visually check the volume pipetted
- Available in three purity levels: Eppendorf Quality, PCR clean and Eppendorf Biopur
- New tip design for better access to a wider variety of tubes and wells
- Finely tapered and extended for working with small volumes



## Handling the refill system



Lift

- The transparent blue protective lid for epT.I.P.S. Reloads allows individual trays to be lifted off of the respective stack (left) or dual tray (right) without contamination.






Transfer



Engage

- An audible "click" indicates that the tray is fully engaged. The blue lid can be used to reseal the epT.I.P.S. Reloads to protect the tips from contamination.

## Eppendorf purity levels for tips, tubes and Combitips®

	 Eppendorf Quality	 Eppendorf PCR clean	 Eppendorf Biopur
<b>Test method</b>	Continuous quality control	Batch testing* <sup>1</sup> (certified)	Batch testing* <sup>1</sup> (certified)
<b>Quality criteria</b>	<b>Function, tightness, precision</b>	<b>Free of human DNA, DNase, RNase and PCR inhibitors</b>	<b>Sterile, free of pyrogens, RNase, DNA and ATP</b>
<b>Eppendorf product range</b>	<ul style="list-style-type: none"> <li>● epT.I.P.S. Standard</li> <li>● epT.I.P.S. Reloads</li> <li>● epT.I.P.S. Box</li> <li>● epT.I.P.S. Set</li> <li>● epT.I.P.S. Racks</li> <li>● Tubes</li> <li>● Combitips® plus</li> </ul>	<ul style="list-style-type: none"> <li>● epT.I.P.S. Reloads</li> <li>● ep Dualfilter T.I.P.S. (PCR clean, sterile and pyrogen-free)</li> <li>● epT.I.P.S. Racks</li> <li>● PCR Tubes (0.2/0.5 ml)</li> <li>● PCR plates</li> <li>● Capping aids</li> <li>● Safe-Lock Tubes</li> <li>● Protein LoBind Tubes</li> <li>● DNA LoBind Tubes</li> <li>● 3810X/Flextubes</li> </ul>	<ul style="list-style-type: none"> <li>● epT.I.P.S. Racks</li> <li>● epT.I.P.S. Singles</li> <li>● Safe-Lock Tubes</li> <li>● Combitips® plus</li> </ul>
<b>Requirements</b>			
Defined flow dynamics	●	●	●
Minimal water retention	●	●	●
High chemical resistance	●	●	●
High thermal stability	●	●	●
High centrifugal stability	●	●	●
Precisely molded	●	●	●
IvD compliance	●	●	●
ATP-free			●
DNA-free (Ph.Eur./USP)			●
DNase-free			●
Individually packaged			●
Free of human DNA			●
Free of PCR inhibitors			●
Free of bacteria DNA ( <i>E. coli</i> )			●
Pyrogen-free			●
RNase-free			●
Sterile			●

\*<sup>1</sup> Batch-specific certificate can be downloaded from [www.eppendorf.com](http://www.eppendorf.com)

\*<sup>2</sup> Tips also available in boxes/racks





## epT.I.P.S. Standard



- Original, high-quality Eppendorf pipette tips at an attractive price
- Packaged in resealable bags
- Available in sizes from 10 µl to 10 ml
- 200 µl, 300 µl and 1,000 µl tips are color-coded yellow and blue, respectively



## ep Dualfilter T.I.P.S.



sterile & pyrogen free

- Two filter layers provide dual protection for pipette and sample
- Two filter layers provide dual protection from aerosols and biomolecules
- Free from PCR inhibitor additives
- Patent-pending technology
- All tips are provided sterile, Eppendorf PCR clean and pyrogen-free
- Ivd Conformity
- Batch certified



## epT.I.P.S. Racks



- Eppendorf Biopur pipette tips provide maximum biological purity (guaranteed sterile, RNase-, DNA-, ATP- and pyrogen-free, see page 5), which satisfies the most stringent demands in the medical, pharmaceutical and food research industries, as well as in molecular biology and cell technology applications.
- Continuous control of each batch by an independent laboratory
  - Batch-related certificates available on request, or go to [www.eppendorf.com](http://www.eppendorf.com)
- Packaged in racks of 96, 48 or 24 tips, depending on tip volume



## epT.I.P.S. Set



- Starter kits consist of the epTIPS Box and 5 refill trays



## epT.I.P.S. Box



### User-friendly:

- Contamination-free transfer of trays to the working box
- System optimized for use with multichannel pipettes
- Color-coded trays for simple identification of tips and matching Eppendorf® pipette
- Tips can be attached to the pipette from the refill trays
- Refill trays are entirely autoclavable for future use
- Space-saving packaging



## epT.I.P.S. Reloads



### Environmentally friendly:

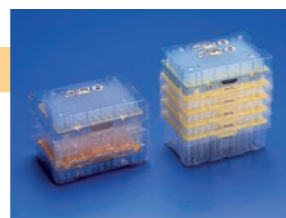
- All components are 100% recyclable
- Reduced waste as compared with disposable racks
- The refill system, depending on tip size, is packaged as either dual-sided or in stack form
- Reloads are available in two purity levels: Eppendorf Quality and PCR clean



## epT.I.P.S. Singles













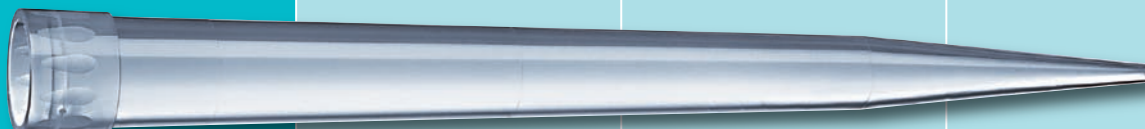

- Individually wrapped pipette tips in Eppendorf Biopur: guaranteed sterile, RNase-, DNA-, ATP- and pyrogen-free
- Batch number and expiration date printed on each blister pack
- Continuous quality control of each batch by an independent laboratory
  - Batch-specific purity certificates available upon request, or go to [www.eppendorf.com](http://www.eppendorf.com)



Volume range/pipette tip (all tips shown original size)	Standard 	Reloads 	Reloads 		Box 	Set 	Singles 	Racks 
	Eppendorf Quality	Eppendorf Quality	PCR clean		Eppendorf Quality	Eppendorf Quality	Eppendorf Biopur	Eppendorf Biopur
<b>0.1–10 µl S, 34 mm</b> 	2 bags of 500 tips = 1,000 tips <b>0030 000.811</b>	10 trays of 96 tips = 960 tips** <b>0030 073.363</b>	10 trays of 96 tips = 960 tips** <b>0030 073.746</b>		1 reusable box incl. 96 tips <b>0030 073.002</b>	1 reusable box incl. 5 trays of 96 tips <b>0030 073.207</b>		
<b>0.1–20 µl M, 40 mm</b> 	2 bags of 500 tips = 1,000 tips <b>0030 000.838</b>	10 trays of 96 tips = 960 tips <b>0030 073.380</b>	10 trays of 96 tips = 960 tips <b>0030 073.762</b>		1 reusable box incl. 96 tips <b>0030 073.029</b>	1 reusable box incl. 5 trays of 96 tips <b>0030 073.223</b>	100 tips, individually wrapped <b>0030 010.019</b>	5 racks of 96 tips = 480 tips <b>0030 075.005</b>
<b>0.5–20 µl L, 46 mm</b> 	2 bags of 500 tips = 1,000 tips <b>0030 000.854</b>	10 trays of 96 tips = 960 tips <b>0030 073.401</b>	10 trays of 96 tips = 960 tips <b>0030 073.789</b>		1 reusable box incl. 96 tips <b>0030 073.045</b>	1 reusable box incl. 5 trays of 96 tips <b>0030 073.240</b>		
<b>2–200 µl, 53 mm</b> 	2 bags of 500 tips = 1,000 tips <b>0030 000.870</b>	10 trays of 96 tips = 960 tips** <b>0030 073.428</b>	10 trays of 96 tips = 960 tips** <b>0030 073.800</b>		1 reusable box incl. 96 tips <b>0030 073.061</b>	1 reusable box incl. 5 trays of 96 tips <b>0030 073.266</b>	100 tips, individually wrapped <b>0030 010.035</b>	5 racks of 96 tips = 480 tips <b>0030 075.021</b>
<b>20–300 µl, 55 mm</b> 	2 bags of 500 tips = 1,000 tips <b>0030 000.897</b>	10 trays of 96 tips = 960 tips <b>0030 073.444</b>	10 trays of 96 tips = 960 tips <b>0030 073.827</b>		1 reusable box incl. 96 tips <b>0030 073.088</b>	1 reusable box incl. 5 trays of 96 tips <b>0030 073.282</b>		5 racks of 96 tips = 480 tips <b>0030 075.048</b>
<b>50–1,000 µl, 71 mm</b> 	2 bags of 500 tips = 1,000 tips <b>0030 000.919</b>	10 trays of 96 tips = 960 tips <b>0030 073.460</b>	10 trays of 96 tips = 960 tips <b>0030 073.843</b>		1 reusable box incl. 96 tips <b>0030 073.100</b>	1 reusable box incl. 5 trays of 96 tips <b>0030 073.304</b>	100 tips, individually wrapped <b>0030 010.051</b>	5 racks of 96 tips = 480 tips <b>0030 075.064</b>







Note: All pipette tips meet the Eppendorf Quality purity standard; where applicable, higher purity levels are noted.  
 \*\* Packed in the form of a stack that includes five reloads. All nonmarked epTIPS Reloads are packed dual-sided.



Volume range/pipette tip (all tips shown actual size)	Standard 	Reloads 	Reloads 		Box 	Set 	Singles 	Racks 
	Eppendorf Quality	Eppendorf Quality	PCR clean		Eppendorf Quality	Eppendorf Quality	Eppendorf Biopur	Eppendorf Biopur
50–1,250 µl, 76 mm 	2 bags of 500 tips = 1,000 tips <b>0030 000.935</b>	10 trays of 96 tips = 960 tips <b>0030 073.487</b>	10 trays of 96 tips = 960 tips <b>0030 073.860</b>		1 reusable box incl. 96 tips <b>0030 073.126</b>	1 reusable box incl. 5 trays of 96 tips <b>0030 073.320</b>		5 racks of 96 tips = 480 tips <b>0030 075.080</b>
500–2,500 µl, 115 mm 	5 bags of 100 tips = 500 tips <b>0030 000.951</b>	10 trays of 48 tips = 480 tips <b>0030 073.509</b>	10 trays of 48 tips = 480 tips <b>0030 073.886</b>		1 reusable box incl. 48 tips <b>0030 073.142</b>	1 reusable box incl. 5 trays of 48 tips <b>0030 073.347</b>		5 racks of 48 tips = 240 tips <b>0030 075.102</b>
100–5,000 µl, 120 mm 	5 bags of 100 tips = 500 tips <b>0030 000.978</b>				1 reusable box incl. 24 tips <b>0030 073.169</b>			
1–10 ml, 165 mm 	2 bags of 100 tips = 200 tips <b>0030 000.765</b>							5 racks of 24 tips = 120 tips <b>0030 075.145</b>
1–10 ml L, 243 mm (Image reduced in size) 	2 bags of 100 tips = 200 tips <b>0030 000.781</b>	Fits in deep and narrow test tubes, cell culture bottles and measuring pistons						









Volume range/pipette tip (all tips shown actual size)	Dualfilter		
	PCR clean and Sterile <small>sterile &amp; pyrogen free</small>		
0.1–10 µl S, 34 mm 	10 racks of 96 tips = 960 tips <b>0030 077.504</b>		
0.1–10 µl M, 40 mm 	10 racks of 96 tips = 960 tips <b>0030 077.512</b>		
0.5–10 µl L, 46 mm 	10 racks of 96 tips = 960 tips <b>0030 077.520</b>		
2–20 µl, 53 mm 	10 racks of 96 tips = 960 tips <b>0030 077.539</b>		
2–100 µl, 55 mm 	10 racks of 96 tips = 960 tips <b>0030 077.547</b>		
2–200 µl, 55 mm 	10 racks of 96 tips = 960 tips <b>0030 077.555</b>		

Note: All pipette tips meet the Eppendorf Quality purity standard; where applicable, higher purity levels are noted.



Volume range/pipette tip (all tips shown actual size)	Dualfilter		
	PCR clean and Sterile <small>sterile &amp; pyrogen free</small>		
20–300 µl, 55 mm 	10 racks of 96 tips = 960 tips <b>0030 077.563</b>		
50–1,000 µl, 76 mm 	10 racks of 96 tips = 960 tips <b>0030 077.571</b>		
100–5,000 µl, 120 mm 	5 racks of 24 tips = 120 tips <b>0030 077.580</b>		
1–10 ml L, 243 mm (Image reduced in size) 	100 tips, individually wrapped <b>0030 077.598</b>		

## Special tips



Volume range/pipette tip	GELoader		
0.5–20 µl, 62 mm	2 racks of 96 tips = 192 tips 0030 001.222		
	Microloader		
0.5–20 µl, 100 mm	2 racks of 96 tips = 192 tips 5242 956.003		

Note: All pipette tips meet the Eppendorf Quality purity standard; where applicable, higher purity levels are noted.

## How can you recognize original Eppendorf® pipette tips?

A new, unique feature of our tips is the “ring” of drop-shaped relief elements circling the crown. Additionally, each tip (and tube) is embossed with “Eppendorf” on its rim.



## Eppendorf pipette / tip combinations



Pipette/epT.I.P.S. (µl)	0.1–10	0.1–20	0.5–20 L	2–200	20–300	50–1,000	50–1,250	500–2,500	100–5,000	1–10 ml/L	GELoader
<b>Eppendorf Research®</b>											
<b>Fixed volume</b>											
10–100 µl				•	•						
200–1,000 µl						•	•				
<b>Adjustable volume</b>											
0.1–2.5 µl	•	• <sup>*4</sup>									
0.5–10 µl	•	•	•								•
2–20 µl				•							
10–100 µl				•	•						
20–200 µl				•	•						
100–1,000 µl						•	•				
500–5,000 µl									•		
1–10 ml										•/L <sup>*4</sup>	
<b>Multi-channel</b>											
0.5–10 µl	•	•	•								
10–100 µl				•	•						
30–300 µl					•						
<b>Eppendorf Reference®</b>											
<b>Fixed volume</b>											
1–10 µl	•	•	•								•
10–100 µl				•							
200–1,000 µl						•	•				
500–2,500 µl								•			
<b>Adjustable volume</b>											
0.1–2.5 µl	•	• <sup>*4</sup>									
0.5–10 µl	•	•	•								•
2–20 µl		•	•								•
2–20 µl				•							
10–100 µl				•	•						
50–200 µl				•	•						
50–250 µl						•					
100–1,000 µl						•	•				
500–2,500 µl								•			
<b>Eppendorf Research® pro</b>											
<b>Single-channel</b>											
0.5–10 µl	•	•	•								•
5–100 µl				•							
20–300 µl					•						
50–1,000 µl						•	•				
100–5,000 µl									•		
<b>Multi-channel</b>											
0.5–10 µl	•	•	•								
5–100 µl				•	•						
20–300 µl					•						
50–1,200 µl							•				
<b>EDOS®</b>											
Pip 10 µl	•	•	•								•
Pip 100 µl				•	•						
Pip 1,000 µl						•	•				
Multi 50 µl				•							
Multi 300 µl					•						
Multi 1,200 µl							•				

\*1 Restricted volume.  
\*2 Only for Research fix 10, 20 µl.

\*3 Does not fit Reference fix 200 µl and 250 µl.  
\*4 Extended inaccuracy and imprecision of the pipettes.





## Eppendorf pipette / Dualfilter T.I.P.S. combinations

Pipette/ep Dualfilter T.I.P.S. (µl)	0.1–10 S	0.1–10 M	0.5–10 L	2–20	2–100	2–200	20–300	50–1,000	100–5,000	1–10 ml / L
<b>Eppendorf Research®</b>										
<b>Fixed volume</b>										
10–100 µl				• <sup>*2</sup>	•	•				
200–1,000 µl								•		
<b>Adjustable volume</b>										
0.1–2.5 µl	•	• <sup>*4</sup>								
0.5–10 µl	•	•	•							
2–20 µl				•	•	• <sup>*4</sup>				
10–100 µl					•	•	•			
20–200 µl					• <sup>*1</sup>	•	•			
100–1,000 µl								•		
500–5,000 µl									•	
1–10 ml										• <sup>*4</sup>
<b>Multi-channel</b>										
0.5–10 µl	•	•	•							
10–100 µl					•	•				
30–300 µl							•			
<b>Eppendorf Reference®</b>										
<b>Fixed volume</b>										
1–10 µl	•	•	•							
10–100 µl					•	•	•			
200–1,000 µl								• <sup>*3</sup>		
500–2,500 µl										
<b>Adjustable volume</b>										
0.1–2.5 µl	•	• <sup>*4</sup>								
0.5–10 µl	•	•	•							
2–20 µl		• <sup>*1</sup>	• <sup>*1</sup>							
2–20 µl				•	•	•				
10–100 µl					•	•	•			
50–200 µl					• <sup>*1</sup>	•	•			
50–250 µl										
100–1,000 µl								•		
500–2,500 µl									•	
<b>Eppendorf Research® pro</b>										
<b>Single-channel</b>										
0.5–10 µl	•	•	•							
5–100 µl					•	•	•			
20–300 µl							•			
50–1,000 µl								•		
100–5,000 µl									•	
<b>Multi-channel</b>										
0.5–10 µl	•	•	•							
5–100 µl					•	•	•			
20–300 µl							•			
50–1,200 µl								• <sup>*1</sup>		
<b>EDOS®</b>										
Pip 10 µl	•	•	•							
Pip 100 µl					•	•	•			
Pip 1,000 µl								•		
Multi 50 µl					•	•	•			
Multi 300 µl							•			
Multi 1,200 µl									• <sup>*1</sup>	

<sup>\*1</sup> Restricted volume.  
<sup>\*2</sup> Only for Research fixed volume 10 µl, 20 µl.

<sup>\*3</sup> Not suitable for Reference fixed volumes 200 µl and 250 µl.  
<sup>\*4</sup> In this instance, the error limits quoted for the pipette in the technical data may increase.

# Eppendorf Pipettes



# Changing the face of pipetting: The Eppendorf PhysioCare Concept



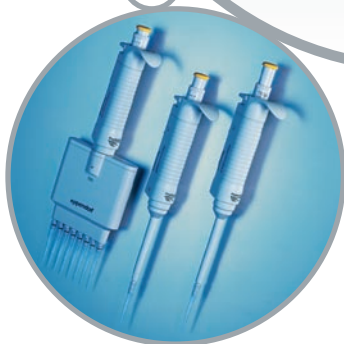
**PhysioCare**  
concept  
eppendorf

## Eppendorf's 8 PhysioCare Concept™ Criteria:

- Integrated Systems
- Exceptional durability
- Optimized form and function
- Perfectly balanced
- Intuitive operation
- Minimal user exertion
- Simple maintenance
- Total support

Visit the special Eppendorf  
PhysioCare Concept™ website  
[www.physiocare-concept.info](http://www.physiocare-concept.info)

- to check out on-line how good your pipette really is!
- to read more about the PhysioCare Concept™!
- to get valuable tips and tricks on pipetting!



**eppendorf**  
*In touch with life*

Your local distributor: [www.eppendorf.com/worldwide](http://www.eppendorf.com/worldwide)

Eppendorf AG · 22331 Hamburg · Germany · Tel. +49 40 538 01-0 · Fax +49 40 538 01-556 · E-Mail: [eppendorf@eppendorf.com](mailto:eppendorf@eppendorf.com)  
Eppendorf North America, Inc. · One Cantiague Road, P.O. Box 1019 · Westbury, N.Y. 11590-0207 USA  
Tel. +1 516 334 7500 · Toll free phone 800 645 3050 · Fax +1 516 334 7506 · E-Mail: [info@eppendorf.com](mailto:info@eppendorf.com)

### Application Support:

Europe, International: Tel. +49 1803 666 789 · E-Mail: [support@eppendorf.com](mailto:support@eppendorf.com)  
North America: Tel. 800 645 3050 ext. 2258 · E-Mail: [support\\_NA@eppendorf.com](mailto:support_NA@eppendorf.com)  
Asia, Pacific: Tel. +603 8023 2769 · E-Mail: [support\\_Asia@eppendorf.com](mailto:support_Asia@eppendorf.com)