



IVD  
conform

# In good company

The Eppendorf Research® pipettes

**eppendorf**

# Eppendorf Research – at home in every lab

## Eppendorf Research®, fixed-volume, adjustable and multi-channel

### Product features

- TÜV award for ergonomics, user-friendliness and user testing
- IVD-conformity
- 3-year guarantee
- Two-button operation
- Autoclavable (lower part)
- Calibration seal for ISO 8655 conform usage
- Chemical resistant materials
- Reduced pipetting force
- Single-hand operation
- 4-digit display



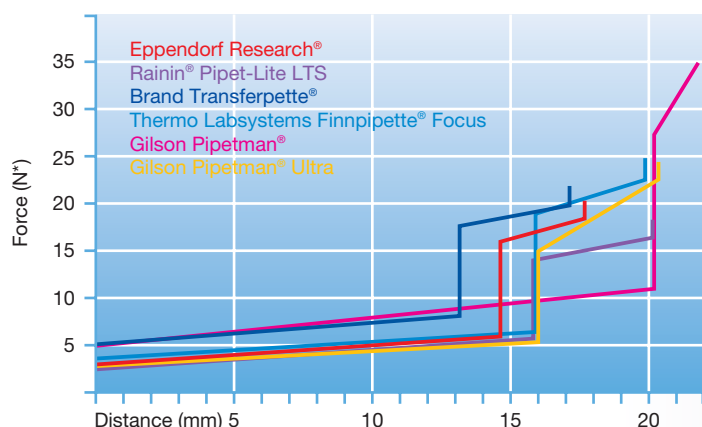
The Eppendorf Research pipettes are found in all labs worldwide. The separate tip ejection (two-button operation) and the ergonomics certified by TÜV Rheinland make this pipette indispensable. A large selection of fixed, variable and multi-channel pipettes satisfies every wish.

- The four digit volume display of each variable Research pipette is equipped with a magnifying glass that eases reading
- The color coding of the pipette pushbutton and volume display corresponds to the color of the epTIPS trays. Result: fast, easy identification, rational work and avoidance of errors.



# Ergonomics: our promise

**Comparison of pipetting forces without tip ejection**  
adjustable, manual single-channel pipettes 100–1,000 µl



Reference: Eppendorf AG, Quality Assurance; data determined using Zwick force transducer Zwick/Roell model Z005. Errors excepted and technical specifications subject to change.

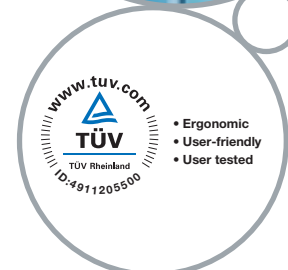


- Ergonomic studies during pipette development
- Optimized form and function for comfortable, single-handed volume adjustment – no accidental volume adjustment

**Weight comparison (in g)**  
of adjustable manual single-channel pipettes

Company	Model	Serial No.	80	90	100	110	120	130
Eppendorf	Research®	1981304						0.5–10 µl
Gilson	Pipetman®	N15634D						
Gilson	Pipetman® Ultra	W20855N						
Rainin®	Pipet-Lite LTS	H0303178A						
Brand	Transferpette®	11A9066						
Thermo Labsystems	Finn timer® Focus	AA48672						
Eppendorf	Research®	1016224						10–100 µl
Gilson	Pipetman®	U60424K						
Gilson	Pipetman® Ultra	W20420K						
Rainin®	Pipet-Lite LTS	H0300090A						
Brand	Transferpette®	02B2878						
Thermo Labsystems	Finn timer® Focus	AA49184						
Eppendorf	Research®	1040374						100–1,000 µl
Gilson	Pipetman®	U62570L						
Gilson	Pipetman® Ultra	X21967A						
Rainin®	Pipet-Lite LTS	K0300375A						
Brand	Transferpette®	03B3132						
Thermo Labsystems	Finn timer® Focus	AA48900						

Data: Eppendorf AG, Quality assurance; determined with Sartorius scale BL-1500S. Errors and technical changes may occur.  
 Gilson & Pipetman are registered trademarks of: GILSON, INC.  
 Rainin is a registered trademark of RAININ INSTRUMENT CO., INC.  
 Brand & Transferpette are registered trademarks of Brand GmbH + Co.  
 Finn timer is a registered trademark of THERMO LABSYSTEMS OY COMPANY FINLAND.



## Eppendorf Research®, adjustable

A high-quality and modern multitalent with variable volume adjustment.

- Always at hand – even in labs with limited space, the practical pipette holder for attachment on the wall or a shelf keeps the „parked“ Research in reach
- High performance materials and components such as ceramic pistons guarantee exceptional longevity



Each variable Research® (except for Research 10 ml) contains, in addition to a service kit, an epTIPS Box with the appropriate tips.



### Ordering information: Eppendorf Research®, adjustable

Volume range	Volume	Systematic error* <sup>1</sup>	Random error* <sup>1</sup>	Order no.
Operating button anthrazite for pipette tips 10 µl				
0.1–2.5 µl	0.25 µl	±12.0%	≤6.0%	EP1201
	1.25 µl	±2.5%	≤1.5%	
	2.5 µl	±1.4%	≤0.7%	
Operating button grey for pipette tips 10/20 µl				
0.5–10 µl	1 µl	±2.5%	≤1.8%	EP1202
	5 µl	±1.5%	≤0.8%	
	10 µl	±1.0%	≤0.4%	
Operating button yellow for pipette tips 200 µl				
2.0–20 µl	2 µl	±5.0%	≤1.5%	EP1203
	10 µl	±1.2%	≤0.6%	
	20 µl	±1.0%	≤0.3%	
10–100 µl	10 µl	±3.0%	≤1.0%	EP1204
	50 µl	±1.0%	≤0.3%	
	100 µl	±0.8%	≤0.2%	
20–200 µl	20 µl	±2.5%	≤0.7%	EP1205
	100 µl	±1.0%	≤0.3%	
	200 µl	±0.6%	≤0.2%	
Operating button blue for pipette tips 1,000 µl				
100–1,000 µl	100 µl	±3.0%	≤0.6%	EP1206
	500 µl	±1.0%	≤0.2%	
	1,000 µl	±0.6%	≤0.2%	
Operating button violet for pipette tips 5 ml				
500–5,000 µl	500 µl	±2.4%	≤0.6%	EP1207
	2,500 µl	±1.2%	≤0.25%	
	5,000 µl	±0.6%	≤0.15%	
Operating button turquoise for pipette tips 10 ml				
1–10 ml	1 ml	±3.0%	≤0,6%	EP1208
	5 ml	±0.8%	≤0.2%	
	10 ml	±0.6%	≤0.15%	

\*<sup>1</sup> The data for imprecision (random measurement error) and inaccuracy (systematic measurement error) according EN ISO 8655, is valid only when original Eppendorf pipette tips are used.

## Eppendorf Research®, fixed-volume

The easy to operate Research (fix) with fixed volumes from 10 to 1,000 µl eases the demanding everyday life of research and routine in clinics, industrial companies

or the educational sector. The performance capacity of the compact and ergonomically designed pipettes is convincing in every detail.



- The autoclavable lower part can be removed in an easy manner for cleaning and decontamination



### Ordering information: Research®, fixed-volume

Volume	Systematic error* <sup>1</sup>	Random error* <sup>1</sup>	Order no.
<b>Operating button yellow for pipette tips 200 µl</b>			
10 µl	±1.2%	≤0.6%	EP1209
20 µl	±1.0%	≤0.3%	EP1210
25 µl	±1.0%	≤0.3%	EP1211
50 µl	±0.7%	≤0.3%	EP1212
100 µl	±0.6%	≤0.2%	EP1213
<b>Operating button blue for pipette tips 1,000 µl</b>			
200 µl	±0.6%	≤0.2%	EP1214
250 µl	±0.6%	≤0.2%	EP1215
500 µl	±0.6%	≤0.2%	EP1216
1,000 µl	±0.6%	≤0.2%	EP1217

\*<sup>1</sup> The data for imprecision (random measurement error) and inaccuracy (systematic measurement error) according EN ISO 8655, is valid only when original Eppendorf pipette tips are used.

# epResearch<sup>3</sup> Pack: Everything is inside!

## epResearch<sup>3</sup> Pack

Comfortable, high precision pipetting is the result of perfect teamwork between pipette and tip. Why not place your trust in the unbeatable team of Eppendorf Research<sup>®</sup> Pipettes and the epTIPS pipette tips? Now available as epResearch<sup>3</sup> Pack at a special price that's too good to miss!



### Your epResearch<sup>3</sup> Pack includes:

#### ● Option 1:

3 pipettes Eppendorf Research<sup>®</sup> PhysioCare Concept (0.5–10 µl, 10–100 µl, 100–1,000 µl);  
3 x 96 epTIPS in refillable epTIPS Boxes; 3 Pipette Holders;  
1 x Standard Operation Procedure (SOP), 1 x Pipette Pen!

#### ● Option 2:

3 pipettes Eppendorf Research<sup>®</sup> PhysioCare Concept (2–20 µl, 20–200 µl, 100–1,000 µl);  
3 x 96 epTIPS in refillable epTIPS Boxes; 3 Pipette Holders;  
1 x SOP, 1 x Pipette Pen!



### Ordering information

Article	Order no.
epResearch <sup>3</sup> Pack, Option 1	3111 000.211
epResearch <sup>3</sup> Pack, Option 2	3111 000.262

## Eppendorf Research®, multi-channel

Multichannel pipettes are especially important when dispensing long series for example in rows of tubes or in 96-well/384-well plates (MTP). And it is for this environment that we developed the Research® (multi-channel), which can be operated with a single hand only.

This high-performance 8- or 12-channel pipette is an effective, precise and rapid way of processing long series for a whole spectrum of different applications.



Each variable Research® (multi-channel) contains, in addition to a service kit, an epTIPS Box with the appropriate tips.



### Ordering information: Accessories

Article		Order no.
Lower parts for:		
0,5–10 µl	8-channel	3114 608.008
	12-channel	3114 609.004
10–100 µl	8-channel	3114 610.002
	12-channel	3114 611.009
30–300 µl	8-channel	3114 612.005
	12-channel	3114 613.001
Tip-Tub, autoclavable, Tub for reagent takeup with multi-channel pipette, filling volume 50–60 ml, 1 Set = 10 pcs.		0030 058.607
Pipette carousel for 6 pipettes		3115 000.003
Pipette holder for wall attachment		3115 000.020

● Tip-Tub for reagent supply with multi-channel pipettes

### Ordering information: Eppendorf Research®, multi-channel

Volume range	Article	Volume	Systematic error* <sup>1</sup>	Random error* <sup>1</sup>	Order no.
<b>Operating button grey for pipette tips 20 µl</b>					
0.5–10 µl	8-channel	1 µl	±8.0%	≤5.0%	EP1218
		5 µl	±4.0%	≤2.0%	
		10 µl	±2.0%	≤1.0%	
	12-channel				EP1219
<b>Operating button yellow for pipette tips 200 µl</b>					
10–100 µl	8-channel	10 µl	±3.0%	≤2.0%	EP1220
		50 µl	±1.0%	≤0.8%	
		100 µl	±0.8%	≤0.3%	
	12-channel				EP1221
<b>Operating button yellow for pipette tips 300 µl</b>					
30–300 µl	8-channel	30 µl	±3.0%	≤1.0%	EP1222
		150 µl	±1.0%	≤0.5%	
		300 µl	±0.6%	≤0.3%	
	12-channel				EP1223

\*<sup>1</sup> The data for imprecision (random measurement error) and inaccuracy (systematic measurement error) according EN ISO 8655, is valid only when original Eppendorf pipette tips are used.

# Changing the face of pipetting:



## 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!



[www.LabPro.co.uk](http://www.LabPro.co.uk)

telephone : 01865 307240

email : [sales@labpro.co.uk](mailto:sales@labpro.co.uk)

# eppendorf

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