

# 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
- 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

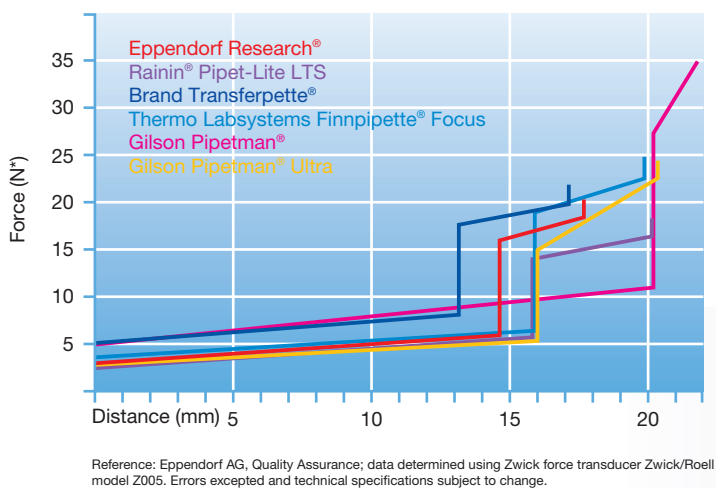
The Eppendorf Research pipettes are found in all labs worldwide. The separate tip ejection (two-button operation) and the ergonomics certified by TÜV Rheinland make this pipette indispensable. A large selection of fixed, variable and multi-channel pipettes satisfies every wish.

Even online: [www.eppendorf.com/research](http://www.eppendorf.com/research)

- 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 epT.I.P.S.® 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

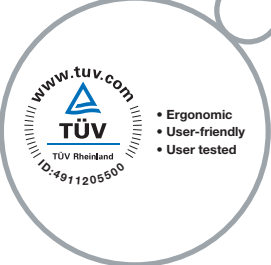


- Ergonomic studies during pipette development
- Optimized form and function for comfortable, single-handed volume adjustment – no accidental volume adjustment

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

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


Data: Eppendorf AG, Quality assurance; determined with Sartorius scale BL-1500S. Errors and technical changes may occur.  
Gilson & Pipetmann 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.  
Finnpipette 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 epT.I.P.S. Box with the appropriate tips.



Ordering information: Eppendorf Research®, adjustable

Volume range	Volume	Systematic error*1	Random error*1	Order no.
Operating button anthrazite for epT.I.P.S.® pipette tips 10 µl				
0.1–2.5 µl	0.25 µl	±12.0%	≤6.0%	3111 000.114
	1.25 µl	±2.5%	≤1.5%	
	2.5 µl	±1.4%	≤0.7%	
Operating button grey for epT.I.P.S.® pipette tips 10/20 µl				
0.5–10 µl	1 µl	±2.5%	≤1.8%	3111 000.122
	5 µl	±1.5%	≤0.8%	
	10 µl	±1.0%	≤0.4%	
Operating button yellow for epT.I.P.S.® pipette tips 200 µl				
2.0–20 µl	2 µl	±5.0%	≤1.5%	3111 000.130
	10 µl	±1.2%	≤0.6%	
	20 µl	±1.0%	≤0.3%	
10–100 µl	10 µl	±3.0%	≤1.0%	3111 000.149
	50 µl	±1.0%	≤0.3%	
	100 µl	±0.8%	≤0.2%	
20–200 µl	20 µl	±2.5%	≤0.7%	3111 000.157
	100 µl	±1.0%	≤0.3%	
	200 µl	±0.6%	≤0.2%	
Operating button blue for epT.I.P.S.® pipette tips 1,000 µl				
100–1,000 µl	100 µl	±3.0%	≤0.6%	3111 000.165
	500 µl	±1.0%	≤0.2%	
	1,000 µl	±0.6%	≤0.2%	
Operating button violet for epT.I.P.S.® pipette tips 5 ml				
500–5,000 µl	500 µl	±2.4%	≤0.6%	3111 000.173
	2,500 µl	±1.2%	≤0.25%	
	5,000 µl	±0.6%	≤0.15%	
Operating button turquoise for epT.I.P.S.® pipette tips 10 ml				
1–10 ml	1 ml	±3.0%	≤0,6%	3111 000.181
	5 ml	±0.8%	≤0.2%	
	10 ml	±0.6%	≤0.15%	

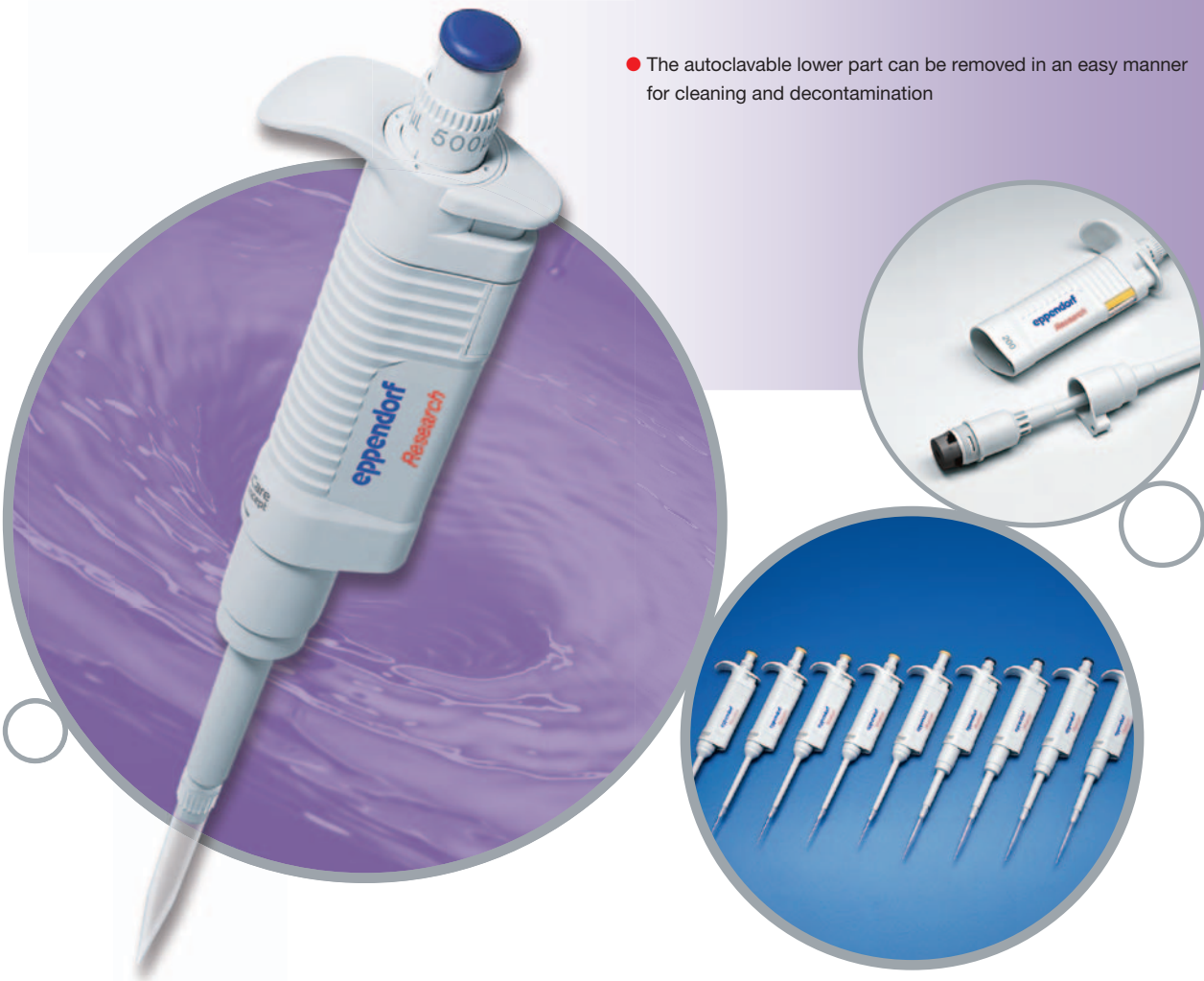
\*1 The data for imprecision (random measurement error) and inaccuracy (systematic measurement error) according EN ISO 8655, is valid only when original Eppendorf epT.I.P.S. pipette tips are used.

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: Eppendorf Research®, fixed-volume

Volume	Systematic error*1	Random error*1	Order no.
Operating button yellow for epT.I.P.S.® pipette tips 200 µl			
10 µl	±1.2%	≤0.6%	3112 000.010
20 µl	±1.0%	≤0.3%	3112 000.029
25 µl	±1.0%	≤0.3%	3112 000.037
50 µl	±0.7%	≤0.3%	3112 000.045
100 µl	±0.6%	≤0.2%	3112 000.053
Operating button blue for epT.I.P.S.® pipette tips 1,000 µl			
200 µl	±0.6%	≤0.2%	3112 000.061
250 µl	±0.6%	≤0.2%	3112 000.070
500 µl	±0.6%	≤0.2%	3112 000.088
1,000 µl	±0.6%	≤0.2%	3112 000.096

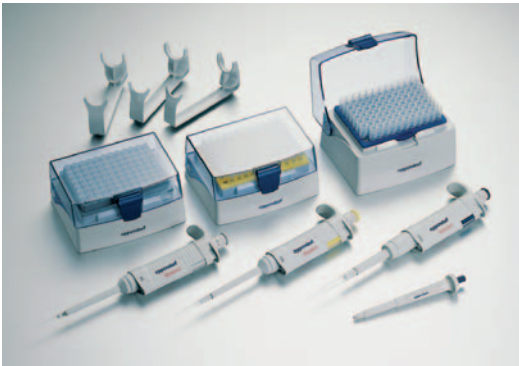
\*1 The data for imprecision (random measurement error) and inaccuracy (systematic measurement error) according EN ISO 8655, is valid only when original Eppendorf epT.I.P.S. pipette tips are used.



# 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 epT.I.P.S. 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 PhysioCare Concept<sup>®</sup> (0.5–10 µl, 10–100 µl, 100–1,000 µl);  
3 × 96 epT.I.P.S. in refillable epT.I.P.S. Boxes; 3 Pipette Holders;  
1 × Standard Operation Procedure (SOP), 1 × Pipette Pen!
- **Option 2:**  
3 pipettes Eppendorf Research PhysioCare Concept (2–20 µl, 20–200 µl, 100–1,000 µl);  
3 × 96 epT.I.P.S. in refillable epT.I.P.S. Boxes; 3 Pipette Holders;  
1 × SOP, 1 × 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<sup>®</sup>, 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<sup>®</sup> (multi-channel), which can be operated with a single hand only.

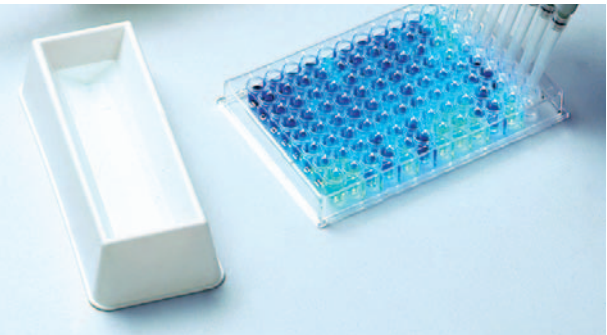
This high-performance 8- or 12-channel pipette is an effective, precise and rapid way of processing long series for a whole spectrum of different applications.

**i** Each variable Research (multi-channel) contains, in addition to a service kit, an epT.I.P.S. Box with the appropriate tips.



### Ordering information: Accessories

Article	Order no.
<b>Lower parts for:</b>	
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
<b>Tip-Tub</b> , autoclavable, Tub for reagent takeup with multi-channel pipette, filling volume 50–60 ml, 1 Set = 10 pcs.	0030 058.607
<b>Pipette carousel</b> for 6 pipettes	3115 000.003
<b>Pipette holder</b> for wall attachment	3115 000.020



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

### Ordering information: Eppendorf Research<sup>®</sup>, multi-channel

Volume range	Article	Volume	Systematic error* <sup>1</sup>	Random error* <sup>1</sup>	Order no.
Operating button grey for epT.I.P.S.® pipette tips 20 µl					
0.5–10 µl	8-channel	1 µl	±8.0%	≤5.0%	3114 000.115
		5 µl	±4.0%	≤2.0%	
		10 µl	±2.0%	≤1.0%	
	12-channel				3114 000.123
Operating button yellow for epT.I.P.S.® pipette tips 200 µl					
10–100 µl	8-channel	10 µl	±3.0%	≤2.0%	3114 000.131
		50 µl	±1.0%	≤0.8%	
		100 µl	±0.8%	≤0.3%	
	12-channel				3114 000.140
Operating button yellow for epT.I.P.S.® pipette tips 300 µl					
30–300 µl	8-channel	30 µl	±3.0%	≤1.0%	3114 000.158
		150 µl	±1.0%	≤0.5%	
		300 µl	±0.6%	≤0.3%	
	12-channel				3114 000.166

\*<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 epT.I.P.S. pipette tips are used.

# Our knowledge, our commitment

Pipette maintenance, calibration and adjustment services



## Performance Plans Features

- Eppendorf service quality and integrity
- Certified calibration reports and dated calibration service labels
- Easy to understand plan options and costs

## Value of Services

- Consistent and reliable results
- Maximize pipette lifetime
- GLP compliant documentation



For more information, service requests and local offers go to [www.eppendorf.com/epservices](http://www.eppendorf.com/epservices)  
Performance Plans are available in selected countries only and service offer may differ.

**eppendorf**  
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