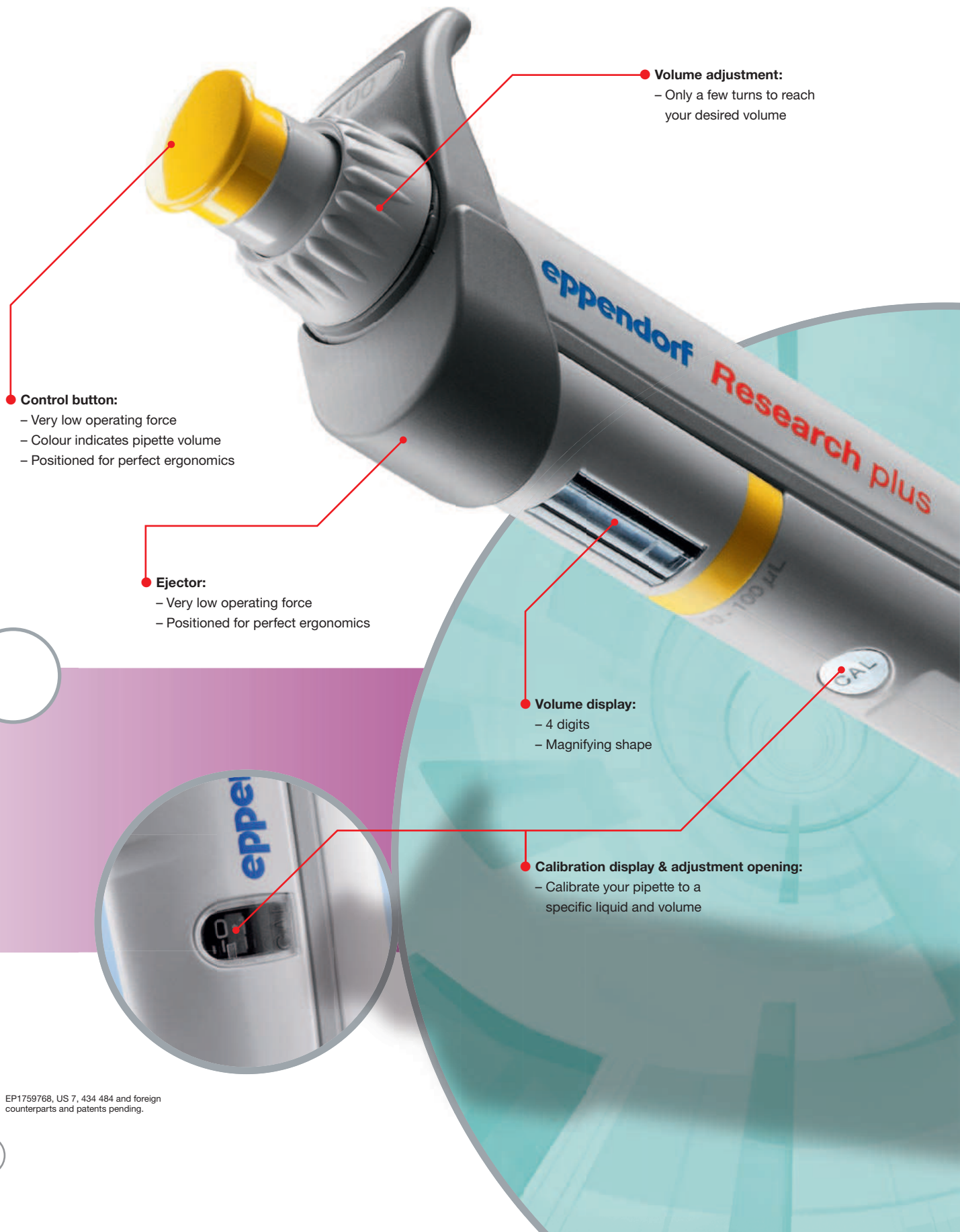


## The perfect pipette



● **Control button:**

- Very low operating force
- Colour indicates pipette volume
- Positioned for perfect ergonomics

● **Ejector:**

- Very low operating force
- Positioned for perfect ergonomics

● **Volume adjustment:**

- Only a few turns to reach your desired volume

● **Volume display:**

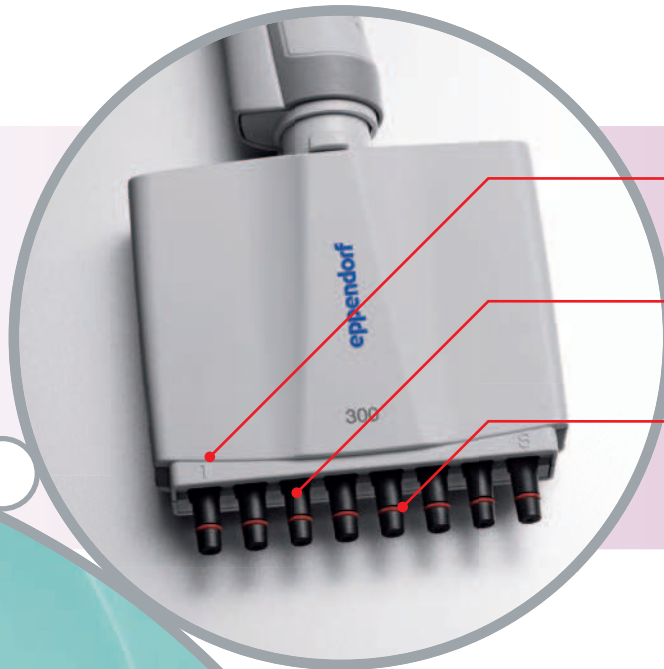
- 4 digits
- Magnifying shape

● **Calibration display & adjustment opening:**

- Calibrate your pipette to a specific liquid and volume

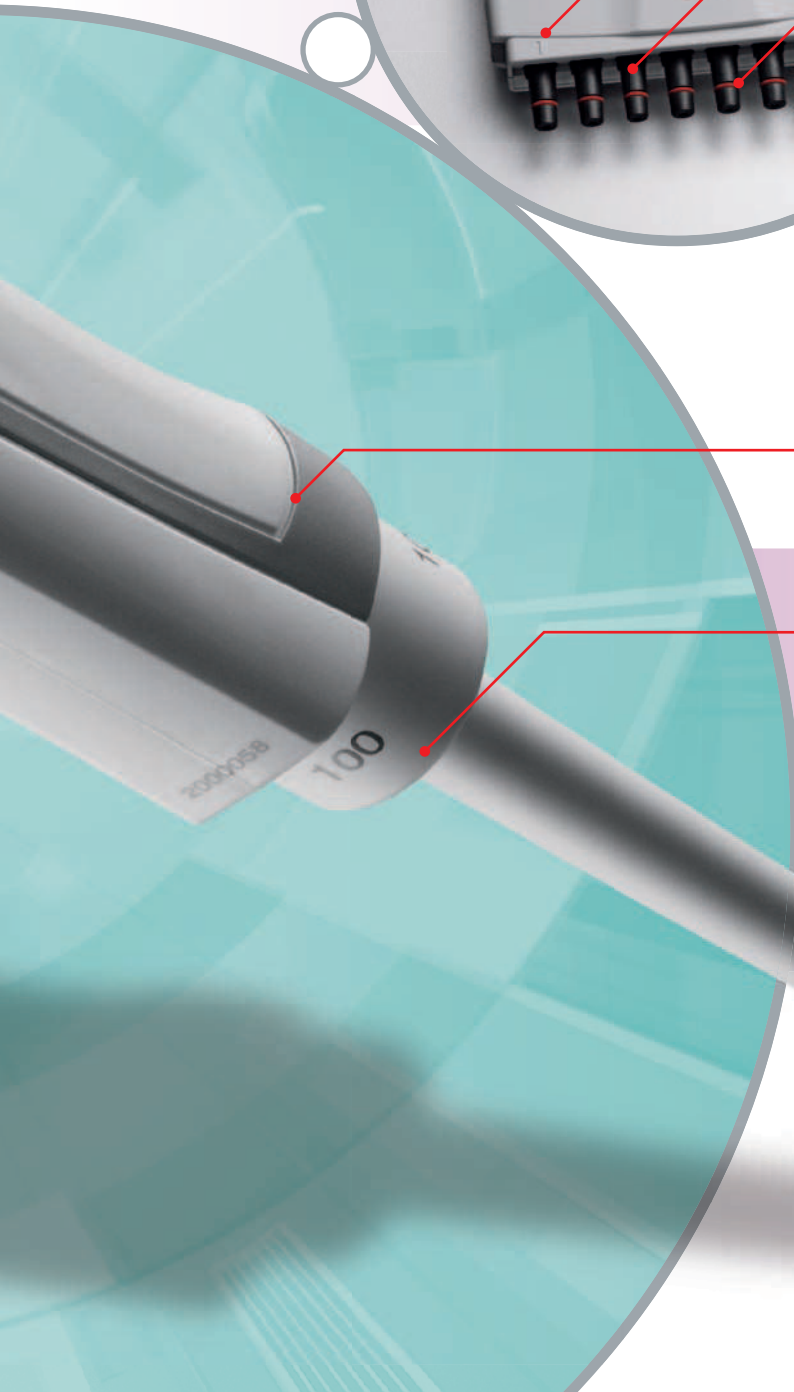
EP1759768, US 7, 434 484 and foreign counterparts and patents pending.

## High Quality in every detail



- **Channel indicator:**
  - Use the pipette the same way round – all the time
- **Remove any of the independent channels:**
  - Gain flexibility for individual needs
- **Spring loaded tip cone:**
  - Improved ergonomics
  - Tight fit to the tip

Patent pending.



- **Eppendorf PerfectPiston™ system:**
  - Ultra light system made of Fortron®

- **Quick connection clip:**
  - Remove lower part easily

- **Spring loaded tip cone:**
  - Improved ergonomics
  - Tight fit to the tip
  - (not in 5 ml and 10 ml pipettes)

Fortron® is a trademark of Ticona

## Eppendorf Research® plus

### Eppendorf Research® plus (adjustable)

Volume range	Volume	Systematic error	Random error	Order no.
<b>Control button anthrazite for pipette tips 10 µl</b>				
0.1–2.5 µl	0.1 µl	±48.0%	±0.048 µl	3120 000.011
	0.25 µl	±12.0%	±0.03 µl	
	1.25 µl	±2.5%	±0.031 µl	
	2.5 µl	±1.4%	±0.035 µl	
<b>Control button grey for pipette tips 20 µl</b>				
0.5–10 µl	0.5 µl	±8.0%	±0.04 µl	3120 000.020
	1 µl	±2.5%	±0.025 µl	
	5 µl	±1.5%	±0.075 µl	
	10 µl	±1.0%	±0.1 µl	
<b>Control button light grey for pipette tips 20 µl L</b>				
2–20 µl	2 µl	±5.0%	±0.1 µl	3120 000.097
	10 µl	±1.2%	±0.12 µl	
	20 µl	±1.0%	±0.2 µl	
<b>Control button yellow for pipette tips 200 µl</b>				
2–20 µl	2 µl	±5.0%	±0.1 µl	3120 000.038
	10 µl	±1.2%	±0.12 µl	
	20 µl	±1.0%	±0.2 µl	
10–100 µl	10 µl	±3.0%	±0.3 µl	3120 000.046
	50 µl	±1.0%	±0.5 µl	
	100 µl	±0.8%	±0.8 µl	
20–200 µl	20 µl	±2.5%	±0.5 µl	3120 000.054
	100 µl	±1.0%	±1.0 µl	
	200 µl	±0.6%	±1.2 µl	
<b>Control button orange for pipette tips 300 µl</b>				
30–300 µl	30 µl	±2.5%	±0.75 µl	3120 000.100
	150 µl	±1.0%	±1.5 µl	
	300 µl	±0.6%	±1.8 µl	
<b>Control button blue for pipette tips 1000 µl</b>				
100–1,000 µl	100 µl	±3.0%	±3.0 µl	3120 000.062
	500 µl	±1.0%	±5.0 µl	
	1,000 µl	±0.6%	±6.0 µl	
<b>Control button violet for pipette tips 5 ml</b>				
0.5–5 ml	0.5 ml	±2.4%	±0.012 ml	3120 000.070
	2.5 ml	±1.2%	±0.03 ml	
	5 ml	±0.6%	±0.03 ml	
<b>Control button turquoise for pipette tips 10 ml</b>				
1–10 ml	1 ml	±3.0%	±0.03 ml	3120 000.089
	5 ml	±0.8%	±0.04 ml	
	10 ml	±0.6%	±0.06 ml	

## Eppendorf Research® plus

### Eppendorf Research® plus (adjustable, multichannel)

Volume range	Volume	Systematic error		Random error		Order no. 8-channel	12-channel
<b>Control button grey for pipette tips 20 µl</b>							
0.5–10 µl	0.5 µl	±12.0%	±0.06 µl	±8.0%	±0.04 µl	3122 000.019	3122 000.027
	1 µl	±8.0%	±0.08 µl	±5.0%	±0.05 µl		
	5 µl	±4.0%	±0.2 µl	±2.0%	±0.1 µl		
	10 µl	±2.0%	±0.2 µl	±1.0%	±0.1 µl		
<b>Control button yellow for pipette tips 200 µl</b>							
10–100 µl	10 µl	±3.0%	±0.3 µl	±2.0%	±0.2 µl	3122 000.035	3122 000.043
	50 µl	±1.0%	±0.5 µl	±0.8%	±0.4 µl		
	100 µl	±0.8%	±0.8 µl	±0.3%	±0.3 µl		
<b>Control button orange for pipette tips 300 µl</b>							
30–300 µl	30 µl	±3.0%	±0.9 µl	±1.0%	±0.3 µl	3122 000.051	3122 000.060
	150 µl	±1.0%	±1.5 µl	±0.5%	±0.75 µl		
	300 µl	±0.6%	±1.8 µl	±0.3%	±0.9 µl		

### Eppendorf Research® plus (fixed volume)

Volume	Systematic error		Random error		Order no.
<b>Control button grey for pipette tips 20 µl</b>					
10 µl	±1.2%	±0.12 µl	±0.6%	±0.06 µl	3121 000.015
<b>Control button light grey for pipette tips 20 µl L</b>					
20 µl	±0.8%	±0.16 µl	±0.3%	±0.06 µl	3121 000.031
<b>Control button yellow for pipette tips 200 µl</b>					
10 µl	±1.2%	±0.12 µl	±0.6%	±0.06 µl	3121 000.023
20 µl	±1.0%	±0.2 µl	±0.3%	±0.06 µl	3121 000.040
25 µl	±1.0%	±0.25 µl	±0.3%	±0.08 µl	3121 000.058
50 µl	±0.7%	±0.35 µl	±0.3%	±0.15 µl	3121 000.066
100 µl	±0.6%	±0.6 µl	±0.2%	±0.2 µl	3121 000.074
200 µl	±0.6%	±1.2 µl	±0.2%	±0.4 µl	3121 000.082
<b>Control button blue for pipette tips 1000 µl</b>					
200 µl	±0.6%	±1.2 µl	±0.2%	±0.4 µl	3121 000.090
250 µl	±0.6%	±1.5 µl	±0.2%	±0.5 µl	3121 000.104
500 µl	±0.6%	±3.0 µl	±0.2%	±1.0 µl	3121 000.112
1,000 µl	±0.6%	±6.0 µl	±0.2%	±2.0 µl	3121 000.120