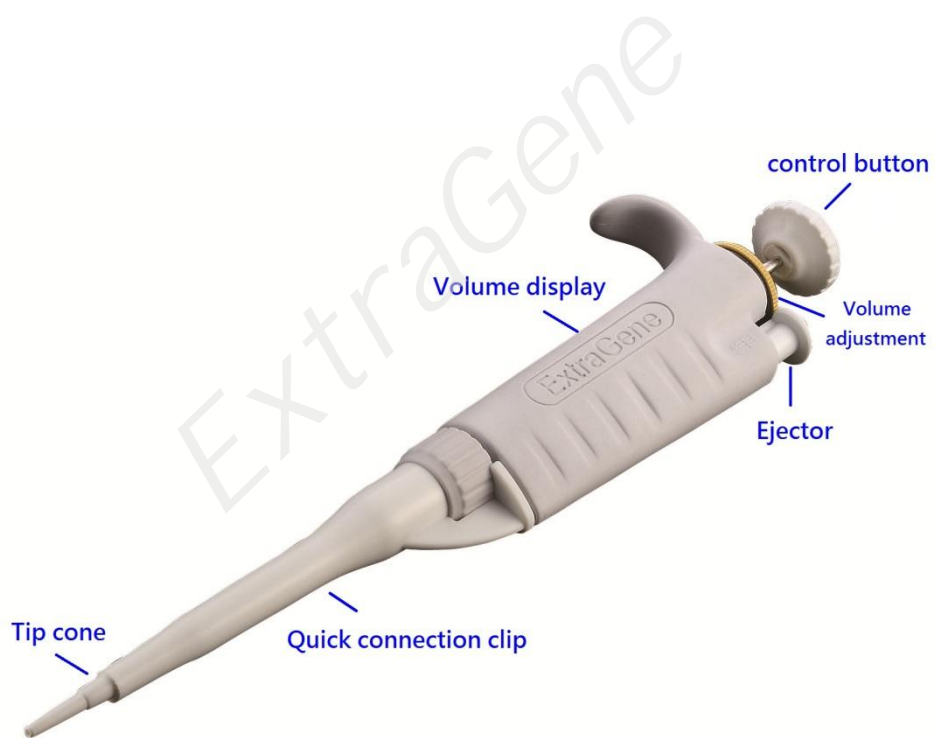




“ T ” Function introduction



Technical data

Variable volume "T" series

(Accuracy & Repeatability value should be tested six times)

Type	Model	Nominal Volume μ	Tolerance allowed %	Repeatability %
Adjustable volume	T2	0.2	± 12	≤ 6.00
		1	± 2.5	≤ 2.00
		2	± 1.5	≤ 0.70
	T10	1	± 2.5	≤ 1.25
		5	± 1.5	≤ 0.60
		10	± 1.0	≤ 0.40
	T20	2	± 5.0	≤ 1.50
		10	± 1.0	≤ 0.50
		20	± 1.0	≤ 0.30
	T100	10	± 2.0	≤ 0.60
		50	± 0.8	≤ 0.24
		100	± 0.8	≤ 0.15
	T200	20	± 1.5	≤ 0.50
		100	± 0.8	≤ 0.25
		200	± 0.8	≤ 0.15
	T1000	100	± 1.8	≤ 0.40
		500	± 0.8	≤ 0.25
		1000	± 0.8	≤ 0.15
T5000	1000	± 2.0	≤ 0.30	
	2000	± 0.8	≤ 0.25	
	5000	± 0.6	≤ 0.16	

Number display settings for adjusting volume

T2	T10	T20	T100
1	0	1	0
2	7	2	7
5	5	5	5
1.25 μ l	7.5 μ l	12.5 μ l	75 μ l
T200	T1000	T5000	
1	0	0	
2	7	2	
5	5	5	
125 μ l	750 μ l	2500 μ l	

“ T ” series volume adjusting method



Calibration method



Remarks:

1. Pipette is a precision instrument, you should adjust the number wheel to the volume required first before operation.
2. In order to obtain the high precision, please immerse the tips before sucking the solution, this will eliminate the tolerance.
3. Disassembly of Automatic pipette is prohibited.
4. " T " series pipette must be re-calibrated after it is autoclaved under 121°C.
This pipette can be autoclaved not more than 6 times.
5. Working ambient temperature: 20 °C ± 5 °C