



E-Chrom Tech Co., Ltd.

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C04- Electronic Pipette



Single-channel Electronic Pipette



8-channel Electronic Pipette

Descriptions

- A. This electronic pipette is a new product which is reliable and affordable with benefits of time saving, more accurate and precise data, and more productivity and less effort.
- B. The biggest difference between traditional manual pipettes and our new electronic pipettes is the method they use to create a vacuum space to retract or propel liquid. Traditional manual pipettes use metal springs, while our electronic pipettes use high-precision stepping motors and microprocessors to control the pipetting volume and speed.
- C. Long hours of pipetting could cause Repetitive Stress Injury (RSI), which is the biggest nightmare to researchers. Besides reducing the risk, there are several other important reasons why you should switch to CT electronic pipettes. Reasons and advantages of CT electronic pipettes are listed below:

Items	Traditional Manual Pipettes	CT Electronic Pipettes
Force Saving for Pipetting	No	Yes
Reduce Human Errors	No	Yes
Multiple Pipetting Protocols	No	Yes
Programmable Protocols	No	Yes
No Spring Fatigue Problem	No	Yes
Auto-calibration	No	Yes
Adjustable Tip Ejector	No*	Yes
Accurate 5-speed Control	No	Yes
Memory of Protocols	No	Yes
Sound Indication	No	Yes

* For most models available in the market



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Features

- A. Consistent accuracy and precision can be easily achieved.
- B. User's operation interface is as easy and graphical as your cellular phone.
- C. Light-weight and ergonomic design prevent Repetitive Stress Injury (RSI).
- D. Multiple protocols (auto-pipetting, mixing, multiple dispensing, sequential aspirating/dispensing, etc.) make your tedious job a breeze.
- E. 9 groups of memory settings for saving your protocols.
- F. Lithium battery guarantees no leakage and more hours of operation.
- G. 5 speed settings for different viscous samples.
- H. Affordable prices.
- I. Complies with ISO-8655, CE and GLP.

Specifications

Model	Descriptions	Volume Range (μ l)	Increment (μ l)	Accuracy Rel % (\pm)	Precision Rel CV % (\leq)
A20-1	Single-channel	2-20 μ l	0.1 μ l	7-1	2-0.3
A200-1	Single-channel	10-200 μ l	1 μ l	2.5-0.8	1-0.15
A1000-1	Single-channel	100-1000 μ l	1 μ l	3-0.8	0.6-0.15
A20-8	8-channel	2-20 μ l	0.1 μ l	7-1	2-0.3
A200-8	8-channel	10-200 μ l	1 μ l	3.5-0.8	1-0.15



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C04- Mechanical (Adjustable Volume) Pipette



Descriptions

- A. CT adjustable volume pipette delivers high quality with excellent value for money.
- B. The range is manufactured from the latest materials ensuring light weight and durable pipette which will offer reliable service of years.
- C. The pipettes cover the volume range 0.1 μ l to 5000 μ l with 8 different single-channel adjustable volume models. The range is also available in fixed volume and 8 multi-channel models.

Features

- A. Lightweight ergonomic design.
- B. Easy to calibrate and maintain.
- C. Supplied with full documentation, warranties and certificates.
- D. Color-coded ID-stickers included with each pipette.
- E. Other features include:
 - 5 color coding caps
 - Safe-cone filter
 - Tip ejector allows convenient one-hand operation
 - Finger support keeps the instrument in place with minimum user effort
 - Digital display allows clear readability of volume setting
 - Ejector collar and tip cone materials provide excellent chemical resistance



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Specifications

Model	Channel	Volume Range (μl)	Increment (μl)	Test Volume (μl)	Inacc. (%)	Impr. (%)	Safe-cone filters Standard Plus
720005	1	0.1-2.5μl	0.05μl	2.5μl	2.50%	2.00%	--
				1.25μl	3.00%	3.00%	
				0.25μl	12.00%	6.00%	
720000	1	0.5-10μl	0.1μl	10μl	1.00%	0.80%	--
				5μl	1.50%	1.50%	
				1μl	2.50%	1.50%	
720080	1	2-20μl	0.5μl	20μl	0.90%	0.40%	721008
				10μl	1.20%	1.00%	721018
				2μl	3.00%	2.00%	
720020	1	5-50μl	0.5μl	50μl	0.60%	0.30%	721008
				25μl	0.90%	0.60%	721018
				5μl	2.00%	2.00%	
720050	1	10-100μl	1μl	100μl	0.80%	0.15%	721007
				50μl	1.00%	0.40%	72017
				10μl	3.00%	1.50%	
720070	1	20-200μl	1μl	200μl	0.60%	0.15%	721007
				100μl	0.80%	0.30%	721017
				20μl	3.00%	1.00%	
720060	1	100-1000μl	5μl	1000μl	0.60%	0.20%	721006
				500μl	0.70%	0.25%	721016
				100μl	2.00%	0.70%	
720110	1	1000-5000μl	50μl	5000μl	0.50%	0.15%	721005
				2500μl	0.60%	0.30%	721015
				1000μl	0.70%	0.30%	
720210	8	0.5-10μl	0.1μl	10μl	1.50%	1.50%	--
				5μl	2.50%	2.50%	
				1μl	4.00%	4.00%	
720220	8	5-50μl	0.5μl	50μl	1.00%	0.50%	--



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				25µl	1.50%	1.00%	
				5µl	3.00%	2.00%	
720240	8	50-300µl	5µl	300µl	0.70%	0.25%	--
				150µl	1.00%	0.50%	
				50µl	1.50%	0.80%	
Model	Channel	Volume Range (µl)	Increment (µl)	Test Volume (µl)	Inacc. (%)	Impr. (%)	Safe-cone filters Standard Plus
720310	12	0.5-10µl	0.1µl	10µl	1.50%	1.50%	--
				5µl	2.50%	2.50%	
				1µl	4.00%	4.00%	
720320	12	5-50µl	0.5µl	50µl	1.00%	0.50%	--
				25µl	1.50%	1.00%	
				5µl	3.00%	2.00%	
720340	12	50-300µl	5µl	300µl	0.70%	0.25%	--
				150µl	1.00%	0.50%	
				50µl	1.50%	0.80%	