Electronic Pipettes

Rainin Vero

Confidence in Every Pipetting Step



Rainin Vero™ electronic pipettes deliver confidence in every pipetting step. Improve consistency with customizable pipetting protocols and industry-leading accuracy and precision. With intuitive software and joystick navigation, changing settings and pipetting modes is quick and easy.

Rainin Vero offers light, balanced weight distribution, ergonomic handle design, and thumb or index finger operation that delivers all day comfort. Minimize errors and deviations by saving protocols, adding password protection, and enabling interval service alarms.

METTLER TOLEDO

Vero Electronic Pipettes
Single and Multichannel

Features
- An intuitive display and navigation put key information in view during pipetting.
- Reduce hand strain with a choice of thumb or index finger operation.
- Exceptionally long battery life. Each charge lasts 2,800 pipetting cycles.
- Reach for the right pipette with color coded rings and faceplates that match corresponding tip decks.
- Available with LTS™ (LiteTouch™ System) and universal shafts
- Supports languages, including German, French, Spanish, Japanese, Korean and Chinese (Simplified)

Pipetting modes
- Basic – A single volume and aspirate/dispense speed
- Advanced – All advanced pipetting options, including mixing
- Multi-Dispense – Multi-aliquot dispensing with adjustable automatic dispense intervals
- Manual – Joystick control that simulates manual pipette operation
- Reverse – Recommended for dense or volatile liquids
- Titrate – Performs titration through measured dispensing
- Dilute – Provides in-tip dilution of multiple sample volumes

Reliable data



Achieve more reliable results with industry-leading accuracy and precision. Improve consistency with adjustable flow rate, mixing parameters, custom protocols, and pipetting modes for multi-dispense and more.

Faster navigation



Rapidly adjust volume, flow rate, and mixing parameters with just a few taps of the joystick. Menu tiles make changing modes and settings faster than scrolling menus.

Designed for comfort



Lightweight and evenly balanced handle design delivers all day comfort. Reduce the risk of repetitive strain injury with electronic tip ejection and a choice of thumb or index finger operation.

Technical Data

Single Channel

Model	Volume (µL)	Increment (µL)	Systematic Error %	Systematic Error µL (±)	Random Error %	Random Error µL (≤)
V-10 SV-10	1	0.01	2.4	0.024	1.2	0.012
	5		1.2	0.060	0.60	0.030
	10		0.90	0.090	0.40	0.040
V-20 SV-20	2	0.01	4.5	0.090	1.5	0.030
	10		1.1	0.11	0.50	0.050
	20		0.80	0.16	0.30	0.060
V-100 SV-100	10	0.1	2.0	0.20	1.0	0.10
	50		0.70	0.35	0.23	0.115
	100		0.50	0.50	0.15	0.15
V-200 SV-200	20	0.1	2.3	0.46	0.70	0.14
	100		0.80	0.80	0.25	0.25
	200		0.60	1.2	0.15	0.30
V-300 SV-300	30	0.1	1.8	0.54	0.60	0.18
	150		0.60	0.90	0.20	0.30
	300		0.60	1.8	0.15	0.45
V-1000 SV-1000	100	1	2.0	2.0	0.50	0.50
	500		0.60	3.0	0.20	1.0
	1000		0.45	4.5	0.15	1.5
V-2000 SV-2000	200	2	2.7	5.4	0.60	1.2
	1000		0.80	8.0	0.20	2.0
	2000		0.60	12	0.18	3.6
V-5000 SV-5000	500	5	2.2	11	0.60	3.0
	2500		0.60	15	0.20	5.0
	5000		0.60	30	0.15	7.5
V-10ML SV-10ML	1ML	10	2.8	28	0.60	6.0
	5ML		0.80	40	0.20	10
	10ML		0.60	60	0.15	15
V-20ML	2ML	20	3.0	60	0.60	12
	10ML		1.0	100	0.20	20
	20ML		0.60	120	0.16	32

Multichannel

Model	Volume (µL)	Increment (µL)	Systematic Error %	Systematic Error µL (±)	Random Error %	Random Error µL (≤)
V8-10 V12-10	1	0.01	3.9	0.039	3.0	0.030
	5		1.4	0.070	0.80	0.040
	10		0.90	0.090	0.50	0.050
V8-20 V12-20	2	0.01	5.0	0.10	3.0	0.060
	10		1.4	0.14	1.0	0.10
	20		0.90	0.18	0.30	0.060
V8-50 V12-50	5	0.05	3.4	0.17	1.4	0.070
	25		1.1	0.275	0.40	0.10
	50		0.70	0.35	0.30	0.15
V8-200 V12-200	20	0.1	1.9	0.38	1.0	0.20
	100		0.70	0.70	0.25	0.25
	200		0.60	1.2	0.20	0.40
V8-300 V12-300	30	0.1	1.9	0.57	1.0	0.30
	150		0.80	1.2	0.25	0.375
	300		0.60	1.8	0.20	0.60
V8-1200 V12-1200	100	1	1.9	1.9	0.60	0.60
	120		1.9	2.28	0.60	0.72
	600		0.70	4.2	0.20	1.2
	1200		0.60	7.2	0.15	1.8

Eliminate errors



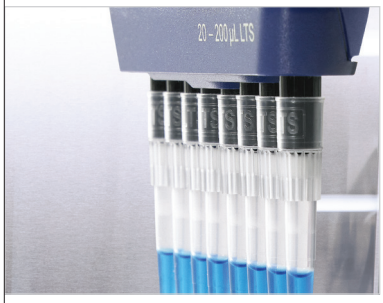
Easily create, save, and switch between protocols, streamlining repetitive tasks and reducing the risk of mistakes. The carefully designed interface eliminates accidental setting changes or pipetting actions.

Lower compliance risk



Equipped for regulated laboratories with password protection, accessible service records, and service interval alarms. Minimize deviations by locking SOPs.

Consistent sealing



Rainin LTS LiteTouch System creates a perfect seal every time with no rocking or hand-tightening required. Perfect seals result in consistent sample pickup across all channels.

www.mt.com/Vero

Ordering Information

Single Channel Models

MT-Order No.	Description	Volume Range
30983887	V-10	0.5-10 µL
30983908	V-20	2-20 µL
30983909	V-100	10-100 µL
30983910	V-200	20-200 µL
30983911	V-300	20-300 µL
30983913	V-1000	100-1000 µL
30983914	V-2000	200-2000 µL
30983915	V-5000	500-5000 µL
30983916	V-10ML	1-10 mL
30983917	V-20ML	2-20 mL

MT-Order No.	Description	Volume Range
31044457	SV-10	0.5-10 µL
31044518	SV-20	2-20 µL
31044519	SV-100	10-100 µL
31044520	SV-200	20-200 µL
31044521	SV-300	20-300 µL
31044522	SV-1000	100-1000 µL
31044523	SV-2000	200-2000 µL
31044524	SV-5000	500-5000 µL
31044525	SV-10ML	1-10 mL

Each Rainin Vero pipette comes with a USB-C power adapter.
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Multichannel Models

MT-Order No.	Description	Volume Range
8-Channel		
31034227	V8-10	0.5-10 µL
31034228	V8-20	2-20 µL
31034229	V8-50	5-50 µL
31034230	V8-200	20-200 µL
31034231	V8-300	20-300 µL
31034232	V8-1200	100-1200 µL
12-Channel		
31034233	V12-10	0.5-10 µL
31034234	V12-20	2-20 µL
31034235	V12-50	5-50 µL
31034236	V12-200	20-200 µL
31034237	V12-300	20-300 µL
31034238	V12-1200	100-1200 µL

Accessories

MT-Order No.	Description
31103649	Charging stand for Vero (holds three pipettes)
31051598	USB-C power adapter for Vero

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For more information

Subject to technical changes.
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