

omniPETTE

single and multi-channel pipettes

Ergonomically designed OMNIPETTE pipettes combine a slim handle, high accuracy and precision rates and robust structure, at very competitive prices.

Constructed from durable PP/PVDF they are noticeably lighter in weight than many competitor's models and so are more comfortable to hold and operate for extended periods - even in the smallest hand. This feature will also reduce the incidence of operator fatigue and Repetitive Strain Injury.

A continuously adjustable volumeter with digital readout allows simple and accurate dispensing. The robust construction along with the low thermal coefficient of the body of each pipette will prevent hand heat affecting sample measurements and reproducibility, even in prolonged usage.

Completely autoclavable

For sensitive laboratory applications, all omniPETTE models are fully autoclavable at 121°C/0.1 MPa/20 min. Unlike many other "autoclavable" pipettes, omniPETTE require minimal accuracy checks and/or recalibration

Eight models of single channel omniPETTE cover all volumes from 0.1µl up to 10ml. omniPETTE requires minimal maintenance. Its precise, self-locking stainless steel micrometer accurately adjusts the stroke of the polished, acid-resistant piston*.

Each pipette has its own unique serial number etched into the body and is supplied with its own individual certificate of calibration, as a guarantee of the unit's quality.

Single channel

omniPETTE's pipetting mechanism allows precise and effortless setting of pipette volume. Winding the counter from min to max volume can be performed rapidly with one hand.

Height adapters

Using a series of height adapters, the tip ejector position on the shaft is adjustable to allow the pipette's use with virtually all brands of tips.



Multi channel

omniPETTE Multi-Channel Pipettes are available in 8 and 12 channel models. Four overlapping volume ranges are provided to precisely meet liquid handling requirements from 0.5 to 300µl. The performance of every pipette is checked by gravimetric method and the results of test are printed in pipette Quality Control Certificate.

For comfortable pipetting in any direction, the tip manifold rotates 360°.

Suspension system

Each model features a revolutionary suspension system which allows the shafts to move independently and so retract slightly when they are pressed against a row of pipette tips. This ensures that all tips are secured on their individual shaft with the minimum of effort - and never fall off! In addition, an innovative ejector bar is curved, allowing the tips to be pushed off in steps, therefore reducing the amount of force required for ejection.

Individual piston assembly

Each channel of the pipette has an individual, precision piston assembly to ensure accuracy and reproducibility from one pipetting series to the next, as well as between channels. The micrometer is continuously adjustable for selection of whole or fractional volumes.



SINGLE CHANNEL PIPETTES

Cat. No.	Volume Range	Accuracy %	Coeff. Variation %	Cat. No.	Volume Range	Accuracy %	Coeff. Variation %
CV2	0.2 to 2µl	±12.0 to 1.5	±6.0 to 0.7	CV200	20 to 200µl	±1.2 to 0.6	±0.6 to 0.2
CV10	0.5 to 10µl	±4.0 to 0.5	±2.8 to 0.4	CV1000	100 to 1000µl	±1.6 to 0.6	±0.4 to 0.15
CV20	2 to 20µl	±3.0 to 0.8	±1.5 to 0.3	CV5000	1 to 5ml	±0.6 to 0.5	±0.25 to 0.15
CV50	5 to 50µl	±2.5 to 0.8	±2.0 to 0.4	CV10000	1 to 10ml	±2.5 to 0.5	±0.6 to 0.2
CV100	10 to 100µl	±1.6 to 0.8	±0.8 to 0.2				

MULTI CHANNEL PIPETTES

Cat. No.	Channels	Volume Range	Accuracy %	Coeff. Variation %	Cat. No.	Channels	Volume Range	Accuracy %	Coeff. Variation %
CV8-10	8	0.5 to 10µl	±10.0 to 2.0	±8.0 to 1.2	CV12-10	12	0.5 to 10µl	±10.0 to 2.0	±8.0 to 1.2
CV8-50	8	5 to 50µl	±4.0 to 1.6	±2.5 to 0.6	CV12-50	12	5 to 50µl	±4.0 to 1.6	±2.5 to 0.6
CV8-200	8	20 to 200µl	±3.0 to 1.0	±1.5 to 0.6	CV12-200	12	20 to 200µl	±3.0 to 1.0	±1.5 to 0.6
CV8-300	8	50 to 300µl	±1.6 to 1.0	±1.5 to 0.6	CV12-300	12	50 to 300µl	±1.6 to 1.0	±1.5 to 0.6
Cat. No.	Description				Cat. No.	Description			
CV-MS	Pipette Stand, 3-position				CV-1POS	Pipette Stand, 1 Position for Single or Multi Channel Pipettes			
CV-RS	Rotating Pipette Stand, 6-position				CV-4POS	Pipette Stand, 4 Position for Single Channel Pipettes			
					CVSTARTERPACK:	Starter Pack including CV2, CV20, CV200, CV1000, CV-4POS			

*Piston material

Stainless steel: Single Channel - CV2, CV10 & CV20 ; Multi Channel - CV8/12-10
PPS: all other models

FINGER-HOOK

TAKES THE WEIGHT,
FOR A MORE RELAXED
GRIP

PIPETTING BUTTON

LARGE, ROUNDED AND
EASY ON THE THUMB;
FREE ROTATION PREVENTS
ACCIDENTAL VOLUME
CHANGE

EJECTOR BUTTON

LARGE SURFACE AREA
OFFERS TWO COMFORTABLE
HOLDING STYLES DEFINED BY
USER PREFERENCE

EASY-TURN

VOLUME ADJUSTMENT
WHEEL

UV RESISTANT

CAN BE SAFELY STERILISED
WITH UV RADIATION -
EVEN PROLONGED
EXPOSURE

LIGHT WEIGHT

LIGHTER THAN MANY
SIMILAR MODELS

**CONTOURED
SHAPE**

IS COMFORTABLE
IN EITHER SMALL
OR LARGE HANDS

**DIGITAL VOLUME
DISPLAY**

WITH LARGE EASY-
TO-READ NUMBERS

**HEIGHT
ADJUSTABLE
EJECTOR**

TO ACCOMMODATE
VIRTUALLY ALL BRANDS
OF TIPS

**ROTATING
MANIFOLD**

PIPETTE AND EJECT
IN ANY DIRECTION

PVDF SHAFT

ENSURES INCREASED
CHEMICAL & MECHANICAL
DURABILITY

**CURVED
EJECTOR BAR**

REDUCES THE FORCE
REQUIRED FOR EJECTION

optimised tip loading

- shafts withdraw when pressed against a row of tips
- each shaft moves independently
- even sealing force applied to all tips
 - no jamming of side tips
- safely sealed with lowest possible force
- tips can be ejected with minimum effort