

Liquid Handling



Denville XL3000i pipettes



Eight models of Denville XL3000i™ Pipettes cover all volumes from 0.1µl up to 10ml. 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 XL3000i™ will prevent hand heat affecting sample measurements and reproducibility, even in prolonged usage. Being lighter than many other similar pipettes, they are even 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.

The XL3000i™ requires minimal maintenance. Its precise, self-locking stainless steel micrometer accurately adjusts the stroke of the polished, acid-resistant stainless steel piston. Each piston is machined to very fine tolerances which, in conjunction with its self-lubricating O-ring and PTFE seal, minimises the need for attention. 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. The user may also choose from either of the two supplied ejector button styles to suit their preferred handling position.

Each model is supplied with its own individual certificate of calibration, as a guarantee of the unit's quality.

- Completely autoclavable
- Continuously adjustable
- Volume adjustment also possible via plunger push button
- Reduced spring pressures minimise fatigue
- Comfortable, ergonomic hand grip
- Eight different models covering the range from 0.1µl to 10000µl

loose and racked tips are available for Denville pipettes - please call for details

1 ADJUST VOLUME
via enlarged plunger button

EASY-TURN
volume adjustment wheel

EJECTOR BUTTON 2
two styles to maximise individual comfort

3 DIGITAL
volume display

LIGHT WEIGHT
- up to 20% lighter than many similar models

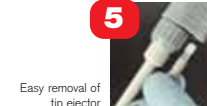
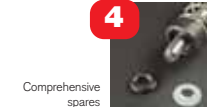
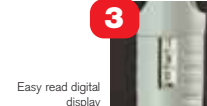
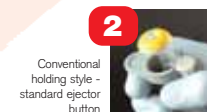
SLIM HANDLE
for optimum comfort

COMPLETELY AUTOCLAVABLE

PLASTIC GRIP
for easier tip ejector removal

4 AIRTIGHT SEAL
PTFE / O-ring

ADJUSTABLE EJECTOR 5
to allow a wider choice of tips



Calibration Tool now included with every pipette



NEW

also available for 3x pipettes



Ordering Information

Volume Range	Accuracy %	Coeff. Variation %	Cat. No.	Price EURO
0.1 to 2µl	±12 to 1.5	±6.0 to 0.7	P-3950-2	€ 161.00
0.5 to 10µl	±3.6 to 0.5	±3.6 to 0.3	P-3950-10	€ 161.00
2 to 20µl	±4.0 to 0.8	±3.0 to 0.4	P-3950-20	€ 138.00
10 to 100µl	±1.6 to 0.8	better than ±1%	P-3950-100	€ 138.00
20 to 200µl	±1.2 to 0.6	better than ±1%	P-3950-200	€ 138.00
100 to 1000µl	±0.9 to 0.6	better than ±1%	P-3950-1000	€ 138.00
1 to 5ml	±0.6 to 0.5	better than ±1%	P-3950-5000	€ 161.00
1 to 10ml	±2.5 to 0.5	better than ±1%	P-3950-10ML	€ 227.70
Stand , 4-position, BC-4020	€ 49.08	Carousel , 6-position, BC-4021	€ 143.55	

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Denville XL3000i multi-channel pipettes

Denville's XL 3000i Multi-Channel Pipettes allow for comfortable pipetting by both right and left handed users. The plunger and ejector buttons are ergonomically located and operate smoothly. For comfortable pipetting in any direction, the tip manifold rotates 360°. The innovative ejector bar is curved, allowing the tips to be pushed off in steps, therefore reducing the amount of force required for ejection.

The use of advanced, lightweight materials (in both the body of the pipette and the piston assemblies) results in a pipette that will stand up to constant use, yet is easy to hold, even during extended pipetting sessions.

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.

Denville's XL 3000i Multi-Channel Pipettes are available in 8 and 12 channel models. Four overlapping volume ranges are provided to precisely meet liquid handling requirements from 1.0 to 300µl.

- Completely autoclavable
- Volume adjustment now possible via plunger push button as well as 'thumb-wheel'
- Reduced spring pressures minimise fatigue
- Lightweight Body
- Rotating manifold
- Individual precision pistons
- Curved, low force ejector bar



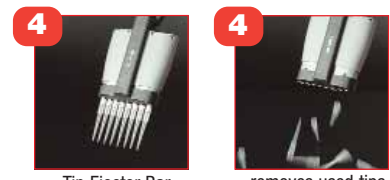
Conventional holding style - standard ejector button

Side holding style - large ejector button for increased comfort



Easy read digital display

Individual channels



Tip Ejector Bar...

removes used tips with minimal force



Channels	Volume Range	Accuracy %	Coeff. Variation %	Cat. No.	Price EURO
8	1 to 10µl	±8.0 to 2.0	<8.0 to 2.0	P3971-6	€494.50
8	5 to 50µl	±3.0 to 1.0	<1.8 to 0.45	P3971-8	€494.50
8	20 to 200µl	±1.4 to 0.8	<0.7 to 0.5	P3971-9	€494.50
8	50 to 300µl	±1.4 to 0.9	<0.7 to 0.5	P3971-10	€494.50
12	1 to 10µl	±8.0 to 2.0	±8.0 to 2.0	P3971-11	€586.50
12	5 to 50µl	±3.0 to 1.2	<2.0 to 0.5	P3971-12	€586.50
12	20 to 200µl	±1.4 to 0.8	<0.8 to 0.5	P3971-15	€586.50
12	50 to 300µl	±1.4 to 0.9	<0.8 to 0.5	P3971-18	€586.50
Stand 8-channel pipette				P3971-21	€54,69
Stand 12-channel pipette				P3971-22	€54,69