



Denville XL3000i pipettes



- Classic profile
- Continuously adjustable
- Adjustable tip ejector is easily removed
- Comfortable, ergonomic hand grip
- Liquid end is autoclavable
- Seven different models covering the range from 0.1µl to 5000µl

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

DENVILLE 
SCIENTIFIC INC.



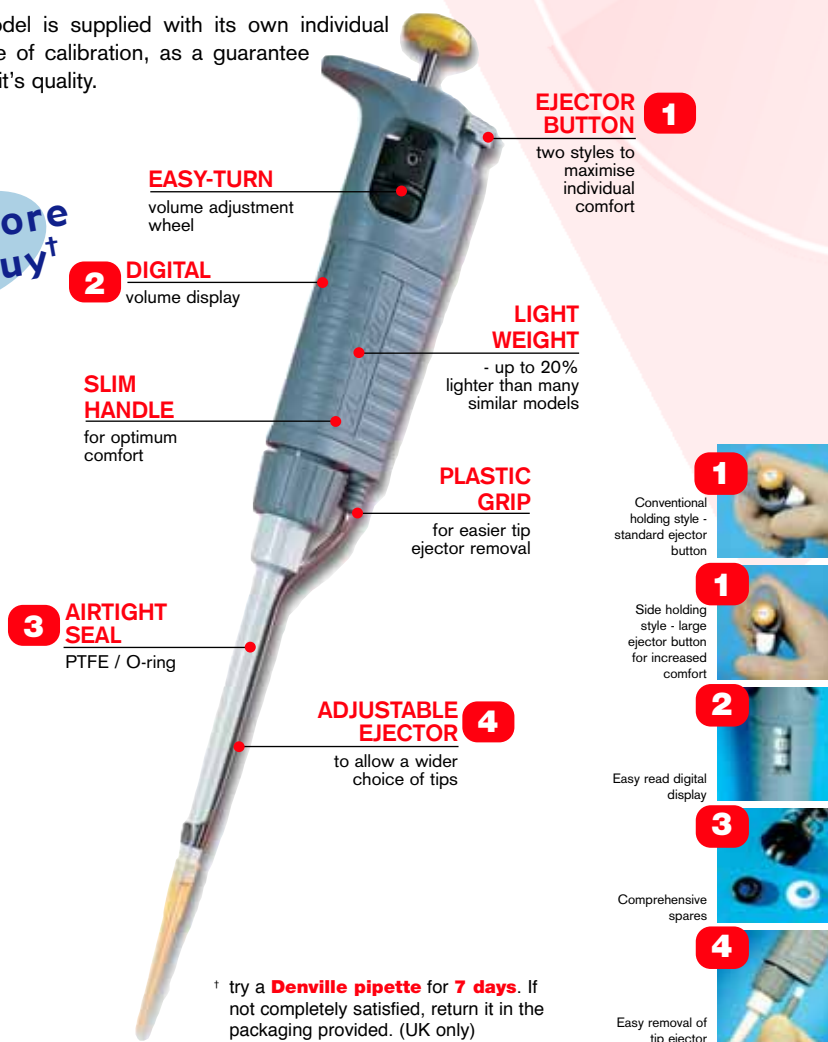
also available for 3x pipettes

Seven models of Denville XL3000i™ Pipettes cover all volumes from 0.1µl up to 5000µl. 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.

try before you buy†



† try a Denville pipette for 7 days. If not completely satisfied, return it in the packaging provided. (UK only)

Ordering Information

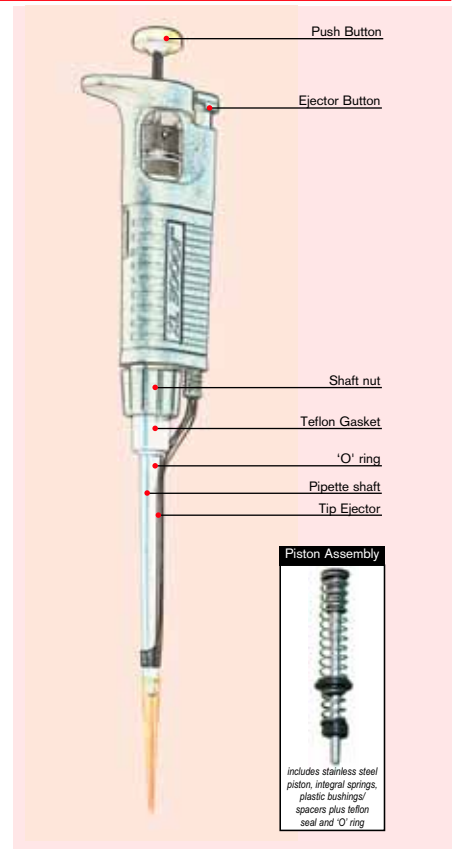
Description	Accuracy %	Coeff. Variation %	Cat. No.
0.1 to 2µl	±12 to 1.5	±6.0 to 0.7	P-3950-2
0.5 to 10µl	±3.6 to 0.5	±3.6 to 0.3	P-3950-10
2 to 20µl	±4.0 to 0.8	±3.0 to 0.4	P-3950-20
10 to 100µl	±1.6 to 0.8	better than ±1%	P-3950-100
20 to 200µl	±1.2 to 0.6	better than ±1%	P-3950-200
100 to 1000µl	±0.9 to 0.6	better than ±1%	P-3950-1000
1 to 5ml	±0.6 to 0.5	better than ±1%	P-3950-5000
1 to 10ml	±2.5 to 0.5	better than ±1%	P-3950-10ML
Pipette Stand, 4-position	BC-4020	Pipette Stand, 3-position	BC-4021

Denville pipette maintenance

Biocom offers a complete repair and maintenance service for XL3000i™ pipettes. For details on each level of service, please contact Biocom or your local distributor.

However, simply cleaning the piston and replacing the seals may significantly improve the performance of the pipette and extend the time between these overhauls. Cleaning should be done using a weak cleansing solution. After disassembly, to clean the piston, wipe gently with a lint-free cloth. Replace seal and O-ring with clean hands, carefully. If the tip holder is dirty, clean this also - do NOT scrape the surface as this could affect the holder to tip seal and therefore adversely affect the unit's performance.

XL3000i™ pipettes are built to the highest standards. With a little care and the above regular maintenance, they should provide many years of productive service.



Ordering Information

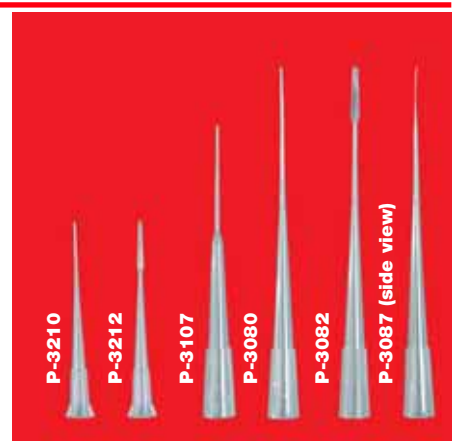
Model	Tip	Tip Holder	Push Ejector	Shaft Button	Piston Nut	PTFE Assy	O-ring Seal
2µl	SP008-2LM	SP010-200XL	SP-001-2	SP009	SP005-2	SP006-2	SP007-2
10µl	SP008-10LM	SP010-200XL	SP-001-10	SP009	SP005-10	SP006-10	SP007-10
20µl	SP008-20LM	SP010-100XL	SP-001-20	SP009	SP005-20	SP006-20	SP007-20
100µl	SP008-100LM	SP010-100XL	SP-001-100	SP009	SP005-100	SP006-100	SP007-100
200µl	SP008-200LM	SP010-200XL	SP-001-200	SP009	SP005-200	SP006-200	SP007-200
1000µl	SP008-1000LM	SP010-1000XL	SP-001-1000	SP009	SP005-1000	SP006-1000	SP007-1000
5000µl	SP008-5000LM		SP-001-5000	SP009	SP005-5000	SP006-5000	SP007-5000
Ejector button, Style 1		SP002-EB1			Ejector button, Style 2		SP002-EB2

Microcapillary gel loading tips

Developed to enhance accuracy in the critical 0 to 20µl range, the length and narrow profile of these gel loading tips provide easy access to small orifices. The round format models are ideal for SDS PAGE while the flat and ultra-flat, duck-billed versions are designed for sequencing gels.

The 'extension' portion of the Duckbill tips feature a narrow bore microcapillary with parallel walls resembling a glass capillary, but with the added advantage of flexibility and a bevelled orifice for total sample recovery. Those tips with 200µl capacity (83mm) are graduated at 5µl, while those for 2µl and 10µl pipettes have graduations at 2µl.

Gel loading tips are available sterile, details on request.



Ordering Information

P2/B-10	Round Orifice, 0.2-10µl, 0.5mm diam. (fits 0.7mm openings), rack/200*	P-3210
	Flat Orifice, 0.2-10µl, 0.33mm diam. (fits 0.4mm openings), rack/200*	P-3212
	UltraFlat Orifice, 0.2-10µl, 0.17mm diam. (fits 0.2mm openings), rack/200*	P-3214
P200	Round Orifice, 20-200µl, 1.1mm diam. (fits 1.2mm openings), rack/200†	P-3107
	Round Orifice, 20-200µl, 0.5mm diam. (fits 0.7mm openings), rack/200*	P-3080
	Flat Orifice, 20-200µl, 0.33mm diam. (fits 0.4mm openings), rack/200*	P-3082
	UltraFlat Orifice, 20-200µl, 0.17mm diam. (fits 0.2mm openings), rack/200*	P-3087

*1x case = 4x racks †1x case = 5x racks

- Two styles Round or Flat (Duckbill)
- 'Unifit' design provides tight seal
- Complete visibility of sub-microlitre volumes
- For use with 2, 10, 20, 100 and 200µl pipettes
- Metal and RNase free
- Racked with removable lid



TreffLab multichannel pipettes








TreffLab
Switzerland

- Seven 8-channel plus seven 12-channel variable volume models covering the range 0.5µl - 300µl
- Unrivalled light weight
- Ergonomic styling
- Highest possible accuracy
- Large digital display
- Autoclavable liquid end



20 second recalibration

	1 Loosen and pull off ejector cap 00:00:05
	2 Extract the securing plate 00:00:09
	3 set to the actual value found 00:00:12
	4 Push the securing plate back in 00:00:15
	5 Replace the ejector cap - DONE !! 00:00:20

All TreffLab™ Multi-channel Pipettes feature side-positioned pipetting buttons. This allows the thumb to lie more naturally while pipetting, resulting in fatigue-free operation - even over prolonged periods. The UV-resistant tip-ejector button is positioned separately on top, to prevent accidental ejection of the tips.

These features, coupled with the pipette's unrivalled light weight and high accuracy, lead to higher accuracy and precision.

A large knurled knob makes volume setting easy - even with gloves on. Additionally, the large digital display facilitates volume checking during the entire pipetting operation. The body of the pipette can be rotated 360° allowing the pipette to be used in whatever position is most comfortable for each user or application. The liquid end is also easily removed from the pipette body for autoclaving.

Replaceable Viton seals on the tip holder of each channel form a perfect seal with the pipette tips, ensuring accuracy, and tip retention until ejected. As with Denville XL3000i™ models, Biocom offers a complete repair and overhaul service for TreffLab multichannel pipettes.

	1 UV resistant tip ejector cap
	2 Manifold can be rotated 360°
	3 Manifold can be steam sterilised at 121°C
	3 Each channel has its own piston assembly assuring highest accuracy.

Ordering Information

	Volume	Divisions	Accuracy†	Reproducibility†	Cat.No.
Multichannel-8/10	0.5-10µl	0.05	2.0	1.2	96.8008.39.1
Multichannel-8/20	2-20µl	0.05	1.5	1.0	96.8008.49.1
Multichannel-8/25	2.5-25µl	0.1	1.5	0.7	96.8008.50.1
Multichannel-8/50	5-50µl	0.1	1.0	0.5	96.8008.52.1
Multichannel-8/100	20-100µl	0.1	1.0	0.5	96.9308.54.1
Multichannel-8/200	50-200µl	1.0	1.0	0.5	96.9308.56.1
Multichannel-8/300	30-300µl	1.0	1.0	0.5	96.9308.58.1
Multichannel-12/10	0.5-10µl	0.05	2.0	1.2	96.8012.75.1
Multichannel-12/20	2-20µl	0.1	1.5	1.3	96.8012.76.1
Multichannel-12/25	5-25µl	0.1	1.5	1.0	96.8012.80.1
Multichannel-12/50	10-50µl	0.1	1.0	0.8	96.8012.82.1
Multichannel-12/100	20-100µl	0.1	1.0	0.8	96.8012.84.1
Multichannel-12/200	50-200µl	1.0	1.0	0.8	96.8012.86.1
Multichannel-12/300	30-300µl	1.0	1.0	0.8	96.8012.88.1

Each model includes Stand, ECO-TipBox, Ecotip Refill and Reservoir

† Based on the nominal volume and distilled water at 20°C

Multichannel pipette stand

The **Multi-Channel Pipette Stand** allows any pipette (multi or single) with a hooked finger-rest to be simply placed on the crossbar between the two upright base plates. This stand's capacity is limited only by width and will comfortably accommodate up to 3x standard 8-channel pipettes.

Ordering Information

Multi-Channel Pipette Stand	GLE-PSMC
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Replacement shafts for Pipetman®

These shafts allow you to indicate which pipette is used for a specific application, personalise your own pipette(s) or to differentiate sets of pipettes within one lab. Other colours available upon request.

Cat. No.	Cat. No.	Cat. No.	Cat. No.	Cat. No.	Colour
for P2	for P10	for P20	For P200	for P1000	Code
P7703-WT	P7704-WT	P7700-WT	P7701-WT	P7702-WT	White
N/A	N/A	P7700-BK	P7701-BK	P7702-BK	Black
N/A	N/A	P7700-RD	P7701-RD	P7702-RD	Red
N/A	N/A	P7700-BO	P7701-BO	P7702-BO	Bio. Orange
N/A	N/A	P7700-RY	P7701-RY	P7702-RY	Rad. Yellow
N/A	N/A	P7700-PG	P7701-PG	P7702-PG	Pastel Green
N/A	N/A	P7700-DB	P7701-DB	P7702-DB	Dark Blue
N/A	N/A	P7700-VT	P7701-VT	P7702-VT	Violet



Vaccupette/96

The **Vaccu-Pette/96™** is a 96-channel pipetting device that can draw from or dispense to 96 wells in less than 10 seconds, simultaneously, and so dramatically speed up repetitive washing procedures. Simply connect a disposable plastic syringe to the Vaccu-Pette/96 and withdraw the plunger to transfer liquid.

Two options are available - sterile, disposable in a modified polystyrene transparent resin or non-sterile but autoclavable in robust polycarbonate. The disposable version is for single use only.

Ordering Information

Sterile, disposable Vaccu-Pipette/96, individually packed, pk/1	F37876-0000
Autoclavable, reusable Vaccu-Pipette/96, pk/1	F37876-0001



Simply connect a disposable plastic syringe to the Vaccu-Pette/96 and withdraw the plunger to draw up liquid from supplied reservoir. Lift off and place over microtitre or deep well plate and press syringe plunger to dispense.



Transpette

Transpette low cost, disposable 8-channel pipettes, are ideal for plate washing. Moulded in translucent plastic, each channel holds 600µl. Disposable reservoirs in polystyrene, allow ample clearance for all types of multichannel pipettes including Transpette and TreffLab. They have a 100ml capacity for extended multi-channel pipetting into microtitre plates and deep well blocks etc.

Ordering Information

Transpette, non-sterile, pk/25	F37873-0000
Transpette, sterile, pk/100	F37873-0001
Reservoir, non-sterile, pk/50	F37877-0000

