

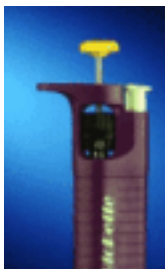
# Liquid Handling



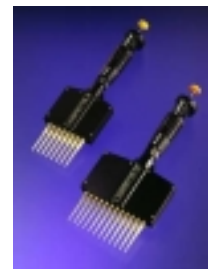
**Titramax  
Digital Buret**



**BioFree  
Dispenser-Syringes**



**Biopette  
Digital Pipettes**



**Labpette  
Digital Multichannel  
Pipettes**



**New! Labpette R™  
Repeating Pipette**



**Labpette  
Economy, Fixed  
Volume Pipettes**



**Labmax™  
Bottle Top  
Dispensers**



**New! Fastpette™  
Pipette Controller**



**New! Labpette FX™  
Fixed Volume Pipettes**

ALYS Labware, Lausanne

Tel : 021 312 42 60

Fax : 021 312 42 61

[labware@alys-technologies.com](mailto:labware@alys-technologies.com)



Your research demands only the highest quality when it comes to pipetting. BioPette™ pipettes meet these quality demands by providing exceptionally accurate and reliable pipetting while standing up to the rigors of everyday use. Their comfortable feel and ergonomic design reduce operator fatigue and down time.

[ISO 9001](#) certification gives you an additional assurance of quality.

Catalog #	Model	Volume Range	Accuracy	Coef. Variation	Tip
<b>P3960-2</b>	<b>BP2</b>	0.1 to 2µl	±12 to ±1.5%	±6 to 0.7±	P3984
<b>P3960-10</b>	<b>BP10</b>	0.5 to 10µl	±3 to ±0.5%	±3.0 to 0.3±	P3984
<b>P3960-20</b>	<b>BP20</b>	02 to 20µl	±4 to ±0.8%	±3.0 to 0.4±	P3990/P3991
<b>P3960-100</b>	<b>BP100</b>	10 to 100µl	±1.6 to ±0.8%	Better than ±1%	P3990/P3991
<b>P3960-200</b>	<b>BP200</b>	20 to 200µl	±1.5 to ±0.6%	Better than ±1%	P3990/P3991
<b>P3960-1000</b>	<b>BP1000</b>	100 to 1000µl	±0.9 to ±0.6%	Better than ±1%	P3995/P3996
<b>P3960-5000</b>	<b>BP5000</b>	500 to 5000µl	±0.6 to ±0.5%	Better than ±1%	P3998

## Labnet BioPette™ Digital Pipettes

Accurate, reliable, comfortable pipetting

ALYS Labware, Lausanne

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## FastPette™ Pipette Controller

Comfortable control, precision dispensing

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- Max aspiration rate - 25ml in 4.3 seconds
- NiMH rechargeable battery for 8 hours of continuous use
- Ergonomic handle and controls
- Precision valve system
- Safety valve prevents overflow
- Fully autoclavable nose piece, pipette holder and filter
- Dual speed range
- Touch-control of aspiration rate



### PRODUCT INFORMATION

Labnet's new **FastPette** is a high performance motorized pipette controller designed for cordless work with glass or plastic pipettes in the 1-100ml range. User convenience was a top priority in the development of the **FastPette**. The contoured, lightweight handle and comfortable pushbuttons guarantee effortless pipetting even during extensive use. Even the control switches are located within easy reach of the thumb.

- **Complete protection and safety**

Many pipette controllers are not sufficiently protected against overfilling. When an aggressive liquid enters the body of a pipette controller it may damage the internal mechanism and create a potential health hazard for the user. The **FastPette** is equipped with a safety valve that prevents any liquid from entering the unit. To protect against cross contamination, filters and pipette holders can be easily replaced and autoclaved.

- **Convenient control**

Easily accessible switches on the **FastPette** allow different operation modes depending on the application. For aspiration, the user can choose HIGH or LOW work



Contoured control buttons



Mode control switches

speed. Set to **HIGH**, the **FastPette** can fill a 25 ml pipette in just 4.3 seconds! Setting the speed to **LOW** enables precise measurement of the smallest volumes. Dispensing can be carried out by gravity (**GRAV**) or supported by the pump (**BLOW**) which enables complete emptying of the pipette with blow out. In addition, pipetting speed can be further controlled by the amount of pressure on the trigger buttons.

- **Always ready for action**

A powerful, environmentally friendly NiMH battery enables up to 8 hours of continuous work. The low battery light indicates when the **FastPette** should be recharged. However, the **FastPette** is still fully operational when the power supply is plugged in, and the battery is charging. The **FastPette** battery is automatically protected against overcharging by a timing and thermal system. There is no need to worry about leaving it charging for extended periods.

## ORDERING INFORMATION & TECHNICAL SPECIFICATIONS

Technical Specifications	
Weight	215 g
Battery Life	8 hours of continuous use
Battery charging time	11-14 hours to full charge
Autoclavable components	Nose piece, pipette holder, filter
Filter	Hydrophobic PTFE 0.2 µm
Pipette types	Glass or plastic 1-100 ml

Ordering Information	
Catalog #	Description
P2000	FastPette, US Plug
P2000-220	FastPette, European Plug
P2000-230UK	FastPette, UK Plug
P2000-240AU	FastPette, Australian Plug
P2021	Silicone pipette holding insert
P2023	PTFE autoclavable filter 0.2 µm, pk 5
P2024	PTFE autoclavable filter 0.45 µm, pk 5

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# BioPette™ Digital Multichannel Pipettes

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**Designed for exceptional comfort and accuracy**



- Individual stainless steel pistons ensure accuracy
- Ergonomic design provides exceptional user comfort
- Advanced, light weight thermoplastic materials
- Continuously adjustable: select whole or fractional volumes
- 8 and 12 channel models
- Four volume ranges: 1 - 10 µl, 20 - 200 µl, 50 - 300 µl

## BioPette™ 8 & BioPette™ 12

### Adjustable Multichannel Pipettes



Adjustable Multichannel Pipettes BioPette™  
Multichannel Pipettes have been designed to withstand the wear and tear of constant use while maintaining their accuracy and reproducibility and providing exceptional user comfort. Available in both eight and twelve channel versions, these pipettes are ideal for 96 well format applications.



- **Continuously Adjustable Volume** *BioPette™ 8 & BioPette™ 12* feature continuously adjustable, digital micrometers for volume selection. Slightly recessed to prevent unintentional change, the volume adjustment thumb wheel is easy to turn, even with a gloved hand.
- **Superior Accuracy and Reproducibility** Each channel of the *BioPette™* has a finely polished, individual stainless steel piston. This multiple piston assembly assures accuracy and reproducibility not only from one pipetting series to the next, but also from channel to channel. The insulated body of the pipette protects the micrometer from the effects of thermal expansion, thus maintaining the *BioPette's™* precision, even after prolonged use.
- **Exceptional User Comfort** Use of modern thermoplastic materials in the construction of the *BioPettes™* result in a light weight, well balanced instrument. The slender, ribbed hand grip fits comfortably in either the right or left hand, with the digital display remaining visible during pipetting. The tip ejector is ergonomically positioned and accessible to both the thumb and index finger. For comfortable pipetting in any direction, the manifold can be rotated 360°. Rotating the manifold 180° inactivates the tip ejector.
- **Full Range Available** *BioPette™* is available in 8 channel and 12 channel models. Both models offer four volume ranges: 1 - 10 µl, 20 - 200 µl and 50 - 300 µl. Each pipette is individually tested and supplied with a certificate of quality.

## DIGITAL MULTICHANNEL PIPETTES

Cat. No.	Channel	Volume Range	Accuracy	Precision	Fits Tip No.
P4608-10	8	1 - 10µl	±3.0 to ±1.0%	<8.0 to <2.0%	
P4608-50	8	5 - 50µl	±3.0 to ±1.0%	<1.8 to <0.45%	P3991/P3992
P4608-200	8	20 - 200µl	±1.4 to ±0.8%	<0.7 to <0.5%	P3991/P3992
P4608-300	8	50 - 300µl	±1.4 to ±0.9%	<0.7 to <0.5%	P4015/P4016
P4612-50	12	5 - 50µl	±3.0 to ±1.2%	<2.0 to <0.5%	P3991/P3992
P4612-200	12	20 - 200µl	±1.4 to ±0.8%	<0.8 to <0.5%	P3991/P3992
P4612-300	12	50 - 300µl	±1.4 to ±0.9%	<0.8 to <0.5%	P4015/P4016

## PIPETTE TIPS

P-3991	Yellow, 200 µl maximum, rack of 96 tips, 10 racks/package
P-3992	Same as above, in individually wrapped sterile racks
P-4015	Natural, 300 µl maximum, rack of 96 tips, 10 racks/package
P-4016	Same as above, in individually wrapped sterile racks

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# Labpette R Repeating Pipette



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- Dispenses up to 48 times without refilling tip
- Excellent accuracy and reproducibility
- Ergonomic design reduces hand fatigue
- Convenient tip selection chart located on the body of the pipette
- Maintenance free

The Labpette R provides accurate and reproducible repetitive pipetting from the singlefilling of a disposable tip. The repetitive pipette saves time and reduces the tedium and strain of performing repetitive pipetting with a standard pipette.

## q *Versatile*

Twenty-nine different volumes between 1µl and 5000µl may be dispensed with the *Labpette R*, depending upon the tip size and dial position selected. As many as 48 pipetting steps may be carried out without refilling the tip. Volumes can be dispensed at intervals as fast as one second without compromising accuracy or reproducibility.

## q *Excellent accuracy and reproducibility*

The *Labpette R* operates on a positive displacement principle which provides superior accuracy. A stepping mechanism ensures that each volume dispensed is the same. All liquids to be dispensed remain in the disposable tip, eliminating contamination of the pipette and carry-over from one pipetting series to the next.

## q *Easy to use*

Simply select the appropriate tip and lock in place. Choose the desired volume setting with the click stop adjustment dial and fill the tip with the required volume using the sliding fill lever. To dispense, press the plunger on the tip of the pipette. For convenience, a chart showing the volume dispensed for each tip size and dial position is located on the pipette body.

## q *Ergonomic design*

The slender body of the *Labpette R* fits comfortably in the natural contour of your hand. The plunger is positioned to be easily accessible and reduce hand strain. For added comfort, the hand grip is rounded to reduce fatigue during prolonged use.

## Ordering Information:

### Cat. No.

P-3000

### Description

Labpette R Repeating Pipette for volumes 1µl to 5000µl



## Bio-Free Dispenser Syringes

Syringe Tips for the Labpette R Repeating Pipette

- Available in 8 different volumes
- Sterile or non-sterile packaging
- Supplied in stackable dispenser boxes
- Combination set available
- 25ml and 50ml tips supplied with 20 free adapters

Ordering Information:	
Non-sterile Dispenser Syringes	
Catalog No.	Capacity
P3505	0.05ml
P3512	0.5ml
P3515	1.25ml
P3518	2.50ml
P3521	5.00ml
P3524	12.5ml
P3525	25.0ml
P3527	50.0ml
P3535	Combination pk, 20ea. of 0.5, 1.25, 2.5, 5.0, and 12.5ml Dispenser Syringes
Sterile Dispenser Syringes	
Catalog No.	Capacity
P3505-S	0.05ml
P3512-S	0.5ml
P3515-S	1.25ml
P3518-S	2.50ml
P3521-S	5.00ml
P3524-S	12.5ml
P3525-S	25.0ml
P3527-S	50.0ml



# Plastics



**Deep Well Plates**



**Microtube Boxes  
Freezer or Bench**



**Microtube Storage  
and Organization**



**DyNA Chill™  
Portable Cooler**



**New EZ-8 Strip Tubes**

**ALYS Labware, Lausanne**

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# Microtube Boxes for Freezer or Bench

## 100 Place Box with Hinged Lid

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- Superior replacement for cardboard boxes - will not degrade or absorb moisture
- Durable polypropylene construction withstands freezing (to -80°) and autoclaving
- Improved 3 point hinge maintains its integrity during repeated use
- Alphanumerically labeled translucent lid provides easy sample identification
- Positive catch keeps lid securely fastened
- Holds 100 x 1.5/2.0ml tubes



Ordering information		
<b>R-8300</b>	Storage box w/hinged lid, natural, 100 x 1.5ml (142x142x5mmH)	
<b>R-8300-X</b>	As above in Green, Blue, Pink, Orange or Yellow. Substitute first letter of desired color for "x" in catalog number	
<b>R-8300-A</b>	Pack of 5 storage boxes, one of each color above	
<b>R-8315</b>	Vertical freezer rack for 9 boxes, fits chest type freezers (150x150x510mmH)	
<b>R-8316</b>	Horizontal freezer rack for 8 boxes, fits upright freezers (230x150x300mmH)	

## 50 Place Box with Hinged Lid

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- Polypropylene construction - freezable to -80° and autoclavable
- Easy open lid with living hinge and positive catch keeps samples securely in place
- Translucent, alphanumerically labeled lid for easy sample identification
- 1.5/2.0ml and 0.5ml boxes have a capacity for 50 tubes
- Utility box has six compartments

Ordering information		
<b>R-7901</b>	Storage box with hinged lid, blue, 50 x 1.5/2.0ml (142x80x46mmH)	
<b>R-7906</b>	Storage box with hinged lid, blue, 50 x 0.5ml (120x70x37mmH)	
<b>R-8388</b>	Utility box with hinged lid, blue, six compartments (142x142x55mmH)	

## 50 Place Box with Telescoping Lid



- Telescoping lid accomodates tubes of varying lengths
- Polypropylene construction withstands temperature extremes
- Alphanumerically labeled lid for quick and easy sample identification
- Available in 3 sizes: 50 x 0.5ml, 50 x 1.5/2.0ml and 50 x 5ml
- Freezer storage rack and numeric ID grids available for 1.5ml boxes

Ordering information		
<b>R-7900</b>	Storage box with telescoping lid, 50 x 1.5/2.0ml (143x75x45mmH)	
<b>R-7905</b>	Storage box with telescoping lid, 50 x 0.5ml (122x62x33mmH)	
<b>R-8600</b>	Utility box with telescoping lid, 50 x 5ml (146x77x80mmH)	
<b>R-7915</b>	Vertical freezer rack for 9 R-7900 boxes, fits chest type freezers (150x80x470mmH)	
<b>R-7916</b>	Horizontal freezer rack for 8 R-7900 boxes, fits upright freezers (230x140x160mmH)	
<b>R-7900A</b>	Numeric indexing grids for R-7900 and R-8600 boxes, pack of 25	

## 100 Place Styrofoam Freezer Box



- **Recyclable, expanded polystyrene construction**
- **Finger notch in lid provides for easy opening**
- **Alphanumerically labeled for fast and easy identification of samples**
- **Large capacity - holds 100 x 1.5/2.0ml tubes - 5 rows of 20**
- **Perfect for working stocks and samples frequently removed from the freezer**

Ordering information		
<b>R-8000</b>	Styrofoam storage box, 100 x 1.5ml, pack of 10 (340x97x64mmH)	

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# Microtube Storage and Organization

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## Multipurpose Tube Racks

- **Durable**  
polypropylene - can be autoclaved or frozen
- **Holds 100 1.5ml tubes with caps closed for storage or 50 1.5ml tubes with caps open for working access**
- **Alphanumerically labeled for sample identification**
- **Two tiered, open construction, ideal for use in water baths**
- **Each rack has a space suitable for a label or barcode**
- **Stackable, even when filled to capacity**
- **Fold flat for storage when not in use**
- **Available in red, blue, yellow and white**



Ordering information		
<b>K-563-10</b>	Multipurpose microtube support rack, red (109x263x45mmH)	
<b>K-563-04</b>	Multipurpose microtube support rack, blue (109x263x45mmH)	
<b>K-563-06</b>	Multipurpose microtube support rack, yellow (109x263x45mmH)	
<b>K-563-03</b>	Multipurpose microtube support rack, white (109x263x45mmH)	



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### 40 Place Clear Rack

- Constructed of a durable, new, proprietary plastic
- Clear, autoclavable and unbreakable
- Open bottom construction allows for use in ice baths
- Withstands the stresses of everyday use
- Accomodates 40 tubes in 4 x 10 configuration

Ordering information		
<b>C-7871</b>	Microtube rack, clear, 40 x 0.5ml (200x75x40mmH)	
<b>C-7872</b>	Microtube rack, clear, 40 x 1.5/2.0ml (200x75x40mmH)	

### 20 Place Workstation Rack

- Two levels with wide spacing for easy access and visibility
- Constructed of durable, autoclavable polypropylene
- Tube positions are numbered for organizing of samples
- Nonskid rubber feet keep rack in place
- Accomodates 20 x 1.5/2.0ml tubes

Ordering information		
<b>C-8210</b>	Microtube support rack, red, 20 x 1.5/2.0ml (210x73x35mmH)	