

## NEW PRODUCTS!

### Ergopet® Pipettors

*Prevents Strain on Your Wrist and Arm*

Ergonomic design reduces awkward positioning, as well as strain and fatigue to pipetting hand and arm when working inside a hood or on the bench.



- Extended handle length dramatically lowers the hand position allowing users to rest their elbow on the bench while supporting their pipettor, especially with the hood sash lowered.
- Swiveling head can be positioned straight ahead in line with the hand or swung up to 90° left or right to permit unobstructed viewing of the meniscus and graduations while aspirating and dispensing.
- Soft silicone chuck accepts glass or plastic pipettes from 1-100ml with outside mouth diameter of 3.3 to 9.9mm. Chuck can be rotated to change the angle of the pipette from vertical to 15° outwards to ensure

that the meniscus is level at all times. Hydrophobic filter within the chuck can be replaced without using any tools and protects the pipette from inadvertent backflow.

### Ergopet® Air Powered Pipettor

*Hood Friendly, Lightweight Pipetting*

Remote 120 VAC air pump connected with 1.5m (60") lightweight tubing provides continuous operation without the need for battery charging. Featherlight weight and comfortable grip allows for hours of comfortable, stress-free operation. Tallest model weighs only 250gr (8.8oz). Extended height models (4 or 8") lift the pipette tip allowing users with different body heights and arm lengths to use the pipettor easily in restricted spaces such as fume hoods. Not autoclavable. Rest or store on accessory wire support stand F37907-0100 available page 240.



| CATALOG NO. | DESCRIPTION   | WEIGHT         |
|-------------|---|----------------|
| F37907-1011 | Ergopet® I Air Powered Pipettor, 22.2cm (8¾") Overall Height    | 0.17kg (6.1oz) |
| F37907-1012 | Ergopet® II Air Powered Pipettor, 32.4cm (12¾") Overall Height  | 0.20kg (7.4oz) |
| F37907-1013 | Ergopet® III Air Powered Pipettor, 42.5cm (16¾") Overall Height | 0.25kg (8.8oz) |

## NEW PRODUCTS!

### Ergopet® Bellows Pipettor

*No Batteries or Power Supply Needed. Great for Field or Classroom Use.*

Rugged, hand-operated bellows provides about 100ml of pipetting volume and continuous, silent operation without the need for battery charging, power cords. Extended height models (4 or 8") lift the pipette tip allowing users with different body heights and arm lengths to use the pipettor easily in restricted spaces such as fume hoods. Its feather-light weight and comfortable grip reduces fatigue allowing hours of comfortable, stress-free operation. Not autoclavable. Rest or store on accessory wire support stand F37907-0100 available page 240.



| CATALOG NO. | DESCRIPTION   | WEIGHT         |
|-------------|---|----------------|
| F37907-0011 | Ergopet® I Bellows Pipettor, 30.1cm (11¾") Overall Height   | 0.20kg (7.1oz) |
| F37907-0012 | Ergopet® II Bellows Pipettor, 40.3cm (15½") Overall Height  | 0.24kg (8.4oz) |
| F37907-0013 | Ergopet® III Bellows Pipettor, 50.5cm (19½") Overall Height | 0.28kg (9.8oz) |



### Ergopet® Memory Pipettor

*Precise Results Every Time*

State-of-the-art pipettor aspirates and dispenses an exact amount of liquid repeatedly without using the graduations of the pipette. Angled design and extended height reduces awkward positioning as well as strain and fatigue to pipetting hand and arm when working inside a hood or on the bench. Lightweight with a comfortable grip (largest model weighs 15.1oz); it feels balanced in the hand providing comfortable, stress-free operation. A range of model heights from 7½" to 19½" dramatically lowers the hand position to allow users of varying body heights to rest their elbow on the benchtop and work more comfortably, especially under the hood sash. An accessory weighted base (F37907-0101) or wire rack (F37907-0100) shown on page 240 supports the pipettor vertically when not in use. Rechargeable battery powered; charger included. Not autoclavable.

Rechargeable battery powered; charger included. Not autoclavable.

| CATALOG NO. | DESCRIPTION  | WEIGHT          |
|-------------|--|-----------------|
| F37910-0011 | Ergopet® I Memory Pipettor, 19.1cm (7½") Overall Height    | 0.31kg (11.1oz) |
| F37910-0012 | Ergopet® II Memory Pipettor, 29.2cm (11½") Overall Height  | 0.35kg (12.4oz) |
| F37910-0013 | Ergopet® III Memory Pipettor, 39.4cm (15½") Overall Height | 0.39kg (13.7oz) |
| F37910-0014 | Ergopet® IV Memory Pipettor, 49.5cm (19½") Overall Height  | 0.43kg (15.1oz) |

## NEW PRODUCTS!



### Ergopet® Battery Powered Pipettor

*Lower the Sash and Your Strain with Battery Powered Mobility*

This rechargeable, battery powered pipettor provides freedom of movement and portability. It rapidly aspirates but can dispense slowly and accurately when needed with a light touch on the dispensing button or quickly with firmer pressure. Models available with 4, 8 or 12" extensions dramatically lower the hand position and allow users of varying body heights to rest their elbow on the bench supporting the arm and pipettor, especially under the hood sash. Featherlight weight with comfortable grip (largest model weighs 14.1oz); it feels balanced in the hand, providing comfortable, stress-free operation. Charger included. Weighted base (F37907-0101) or wire rack (F37907-0100) below holds the pipettor vertically when not in use. Not autoclavable.

| CATALOG NO. | DESCRIPTION   | WEIGHT          |
|-------------|---|-----------------|
| F37908-0011 | Ergopet® I Powered Pipettor, 19.1cm (7½") Overall Height    | 0.29kg (10.1oz) |
| F37908-0012 | Ergopet® II Powered Pipettor, 29.2cm (11½") Overall Height  | 0.32kg (11.4oz) |
| F37908-0013 | Ergopet® III Powered Pipettor, 39.4cm (15½") Overall Height | 0.36kg (12.8oz) |
| F37908-0014 | Ergopet® IV Powered Pipettor, 49.5cm (19½") Overall Height  | 0.40kg (14.1oz) |

### Ergopet® Accessories

Wire stand supports all Ergopet® Pipettors. Weighted base fits Ergopet® Memory Pipettors (F37910 series) and Ergopet® Battery Powered Pipettors (F37908 series).



| CATALOG NO. | DESCRIPTION  |
|-------------|--|
| F37907-0100 | A. Ergopet® Wire Support Stand, 46.2cm (18½")      |
| F37907-0101 | B. Ergopet® Weighted Base                          |
| F37908-0251 | C. Ergopet® Filter (Pack of 12)                    |
| F18307-0005 | D. Vikem® Vinyl Coated Lead Ring, 43mm (1.7") I.D. |

## Vari-Pet® Pipettors

*Dependable, Positive Displacement  
Repetitive Dispenser*

Self-filling pipetting aid designed for speed, ease, and convenience. The polypropylene handle is ergonomically designed to permit extended use without fatigue and a Teflon® plunger assures smooth, consistent operation. Dispensing volume can be adjusted by turning the knob at the base of the unit. Offered in two models:

**Teflon® Tip Varipet® Pipettor** has excellent chemical resistance because the fluids only contact the borosilicate glass and Teflon®

**Luer Lock Varipet® Pipettor** is supplied with a chrome-plated steel Luer lock fitting, complete with removable cannula for general use. Accuracy is  $\pm 0.5\%$ .



Teflon®



Luer Lock



| CATALOG NO. | DESCRIPTION   | CAPACITY | SUBDIVISIONS |
|-------------|---------------|----------|--------------|
| F37895-0010 | Teflon® Tip   | 1ml      | 0.01ml       |
| F37895-0100 | Teflon® Tip   | 10ml     | 0.20ml       |
| F37895-1010 | Luer Lock Tip | 1ml      | 0.01ml       |
| F37895-1100 | Luer Lock Tip | 10ml     | 0.20ml       |



## Minipet™ Pipettors

*Repetitive Pipettors in Two Styles*

Features a three-way check valve for continuous, repetitive pipetting. Just place the filling line in a reservoir, push the Teflon® plunger to dispense and release to refill. A molded polypropylene handle offers comfort for extended use. Turning the knob on top sets the self-locking capacity to assure dispensing repeatability of  $\pm 0.5\%$ . Extensions can be added to the filling line for greater reach.

Teflon® Minipet® Pipettors offer a high level of chemical resistance and may be used with virtually any solvent or acid (except HF). Fluids come in contact with only borosilicate glass and Teflon®. Supplied with an all-Teflon® valve (with glass check) and Teflon® sinker on 45.7cm (18") line, 2.4mm I.D. (1/8").

Aqueous Minipet® Pipettors are autoclavable and can be used with a Luer lock manifold for multi-well plate work. They are supplied with a chrome plated check valve, Luer lock fitting, Buna-N-seals, stainless steel spring, and Luer lock cannula, 45.7cm long (18"), 3.2mm (1/8") I.D. silicon filling tube and Teflon® sinker.



Aqueous



| CATALOG NO. | DESCRIPTION | CAPACITY | SUB DIVISIONS |
|-------------|-------------|----------|---------------|
| F37900-0010 | Teflon®     | 1ml      | 0.01ml        |
| F37900-0100 | Teflon®     | 10ml     | 0.20ml        |
| F37900-1100 | Aqueous     | 10ml     | 0.20ml        |

**Teflon® Minipet® Pipettors When You Need High Chemical Resistance**

## Pipette Pump™ Pipettors

All Pipette Pump™ Pipettors are color-coded by Pipetting Volume

Up to  
0.2ml

Up to  
2ml

Up to  
10ml

Up to  
25ml

### Pipette Pump™ III Pipettors

*Your Choice of Two Ergonomically Designed Models*

*U.S. Patent 7,093,507; European Patent E1477227A2*

The ergonomic design of Pipette Pump™ III Pipettors enhances comfort, utility and dispensing precision while helping to reduce the risk of injury from repetitive and awkward pipetting motions. The angle of the inserted pipette and its placement in front of the hand allows the arm to remain in a more natural, lowered position unlike other pipettors, which require arm and elbow elevation for many pipetting actions. Compact design adds only 15.2cm (6") to the pipette length allowing use in fume hoods and controlled environment glove boxes. Lightweight, one-handed operation minimizes strain on the hand and wrist.

#### A. Fast Release Pipette Pump™ III Pipettors

*Quick and Accurate Operation*



This lightweight pipettor has a fast release trigger that dispenses the entire pipette contents. An optimally located thumb wheel easily rotates for precision aspirating or dispensing, down to a volume of one drop at a time – all while using a relaxed grip. The thumb wheel also can be used to “blow out” the contents of the pipette. Available in three different pipette volumes, 2, 10 and 25ml, each color-coded for easy identification. A self-stabilizing collar inside the silicone chuck holds either glass or plastic pipettes. Resistant to acids, alkalis and most solvents, they can be disassembled for cleaning. Overall length: 17.1cm (6¾"). **Per each, 12 per case.**



| CATALOG NO. | PIPETTE UP TO | COLOR |
|-------------|---------------|-------|
| F37904-0002 | 2ml           | Blue  |
| F37904-0010 | 10ml          | Green |
| F37904-0025 | 25ml          | Red   |

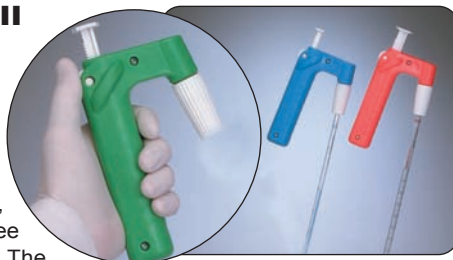
## B. Economy Pipette Pump™ III Pipettors

*Accuracy at an Affordable Price!*

Ergonomic design enhances comfort, utility and dispensing precision while helping to reduce the risk of injury from repetitive and awkward pipetting motions. This lightweight, affordable device provides accurate, trouble-free pipetting with simple, one-handed operation. The optimally located thumb wheel rotates easily for precision

aspirating or dispensing, down to a volume of one drop at a time. The thumb wheel also can be used to "blow out" the contents of the pipette. Available in three different pipette volumes, 2, 10 and 25ml, each color-coded for easy identification. Resistant to acids, alkalis and most solvents, they can be disassembled for cleaning. Overall length: 17.1cm (6¾").

**Per each, 12 per case.**



| CATALOG NO. | PIPETTE UP TO | COLOR |
|-------------|---------------|-------|
| F37902-0002 | 2ml           | Blue  |
| F37902-0010 | 10ml          | Green |
| F37902-0025 | 25ml          | Red   |



## Fast Release Pipette Pump™ II Pipettors

*Features Rapid Release Valve for Quick Dispensing*

Glass or plastic pipettes are easily inserted into a unique collar with stabilizing fingers for a secure hold. Rotating the knurled thumb wheel draws liquid to the desired volume. To empty rapidly, apply light pressure to the fast release lever. For gradual dispensing, rotate the thumb wheel. Sizes are color coded. They can be disassembled for cleaning. **Per each, 12 per case.**



| CATALOG NO. | PIPETTE UP TO | COLOR |
|-------------|---------------|-------|
| F37911-1002 | 2ml           | Blue  |
| F37911-1010 | 10ml          | Green |
| F37911-1025 | 25ml          | Red   |

# PIPETTING

## Pipette Pump™ Pipettors

### Four Sizes

Provides safe, accurate and trouble-free pipetting with simple, one-handed operation. Pipettes fit smoothly into its flexible tapered chuck. The thumbwheel on the side is rotated for precision filling or dispensing, and the plunger may be pressed for quick emptying. It is resistant to acids and alkalis. Disassemble all parts for cleaning and before autoclaving at 121°C (250°F) for 20 minutes except the chuck which should not be autoclaved. **Per each, 12 per case.**



| CATALOG NO. | PIPETTE UP TO | COLOR  |
|-------------|---------------|--------|
| F37896-0000 | 0.2ml         | Yellow |
| F37897-0000 | 2ml           | Blue   |
| F37898-0000 | 10ml          | Green  |
| F37899-0000 | 25ml          | Red    |

## Replacement Silicone Rubber Chuck and Washers for Pipette Pump™ Pipettors

| FOR MODEL   | PIPETTE CHUCK | WASHERS              |
|-------------|---------------|----------------------|
| F37896-0000 | H93789-0060   | H93789-0061 (sleeve) |
| F37897-0000 | H93789-0070   | H93789-0071 3/Set    |
| F37898-0000 | H93789-0080   | H93789-0081 3/Set    |
| F37899-0000 | H93789-0090   | H93789-0091 3/Set    |

Use Labmat™ Liners to Keep Benchtops Dry and Spill Free, See Page 153



## Pipette Aid

### Safe, Easy and Economical Pipetting

This pipette aid is used by squeezing, then releasing the bulb to draw fluid into the pipette. The pipette aid is then removed, and the pipette top quickly covered with a gloved finger to control and release fluid. The bulb is Vikem® vinyl with a tapered polyethylene chuck for quick removal when pipette is filled. Dimensions are 5cm diameter, 10cm height. **6 per pack, 2 packs per case.**

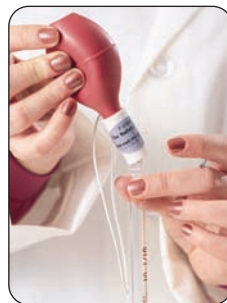


| CATALOG NO. |
|-------------|
| F37886-0000 |

## Bulb Pipettor

*Keep Bulb with Reagent Bottle*

A tapered, silicone rubber seal provides an airtight fit on all size pipettes. An excellent aspirator for use with Westergren or Wintrobe sedimentation tubes. Comes complete with an elastic cord for dedicating that pipettor to a specific reagent bottle. Can be opened, cleaned and steam autoclaved at 121°C (250°F). **Per each, 100 per case.**



**CATALOG NO.**

H37888-0000



## Bel-Bulb™ Pipettor

*Fits Pipettes from 6 to 8mm*

This simple suction device with a soft tapered chuck has a flexible vinyl bulb that is 5cm diameter x 7cm long (2 x 2¾"). After filling your pipette, remove the bulb and quickly cover the top of the pipette with a gloved finger to hold fluid or release it as needed. **2 per pack, 6 packs per case.**



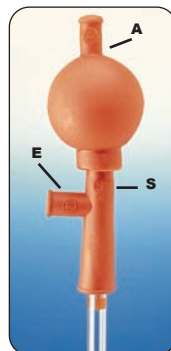
**CATALOG NO.**

F37887-0000

## Pipette Filler

*Simple Operation for Filling and Dispensing from Pipettes*

Made of Vikem® vinyl, this pipette filler has greater chemical resistance than standard rubber bulbs and accommodates pipettes from 5 to 14mm in diameter. Three pinch valves are coded for use and are operated with one hand by pinching valve control pad "A" with your thumb and index finger while squeezing the bulb with three fingers and palm. The bulb will remain collapsed when pad "A" is released. Then, squeeze pad "S" to aspirate liquids into the pipette. Squeezing pad "E" will dispense liquid from the pipette. Diameter: 5.4cm (2½"). Overall length: 15.2cm (6").



**CATALOG NO.**

F37881-0001

# PIPETTING

## Vaccu-Pette/96™ Pipetting Device

*Pipette All 96 Wells at Once*

This pipetting device can aspirate or dispense 96 wells in less than 10 seconds. It speeds up repetitive washing, dispensing or aspirating of wells by working simultaneously. Simply connect a disposable plastic syringe and withdraw the plunger to transfer liquid. Excellent for simultaneously changing media or the addition/removal of reagents from a 96 well plate. Made of transparent plastic material, it has a vacuum outlet at one end, and a short length of 3.2mm I.D. ( $\frac{1}{8}$ " ) tubing is supplied for syringe connection. Requires a 30ml or larger disposable sterile syringe (not included). **Individually packed, available in Sterile/Disposable or Autoclavable/Reusable.**



### Sterile, Disposable Vaccu-Pette/96™ Pipetting Device

Molded of clear, disposable plastic that can be used only once and cannot be autoclaved or gas sterilized. **Per each, 10 per case.**

**CATALOG NO.**

**DIMENSIONS (L x W x H)**

F37876-0000

12.7 x 8.6 x 3.7cm (5 x 3 $\frac{3}{4}$  x 1 $\frac{1}{4}$ " )

### Autoclavable, Reusable Vaccu-Pette/96™ Pipetting Device

Molded of polycarbonate, must be sterilized by autoclaving prior to use in order to avoid contamination. It cannot be gas sterilized because of the possibility of residual trapped gases. **Per each, 10 per case.**



**CATALOG NO.**

**DIMENSIONS (L x W x H)**

F37876-0001

12.7 x 8.6 x 3.7cm (5 x 3 $\frac{3}{4}$  x 1 $\frac{1}{4}$ " )

## NEW PRODUCT!

## 12 Channel Reagent Reservoir

Minimizing waste, this 12 Channel Reagent Reservoir's V-shaped wells allow complete sample withdrawal. Each channel holds 5ml and is numbered to facilitate serial dilution. Its chemical-resistant polypropylene construction can be used with single, 8 or 12 channel pipettors. A wide profile provides added stability and measures 12.7cm L x 5.8cm W (5" x 2 $\frac{1}{4}$ " ). Fitted lid included, autoclavable at 121°C (250°F). Individually sealed and sterilized. **8 per pack, 6 packs per case.**



**CATALOG NO.**

**DIMENSIONS (L x W x H)**

F37880-1200

12.7 x 5.8 x 3.2cm (5 x 2 $\frac{1}{4}$  x 1 $\frac{1}{4}$ " )

## Transpette™ 8 Channel Transfer Pipettor - Disposable

*Perfect for Use With Disposable Pipetting Reservoir*

Perform plate washing, media change and supernatant collection without the use of pipettors and pipette tips with this inexpensive, 8-channel transfer pipettor. Discard after "hot" radioactive uses to avoid radiation contamination of your expensive liquid handling devices. Made of translucent plastic, it holds 600µl per channel. *Cannot be autoclaved.* Sterile and non-sterile disposable pipetting reservoirs listed below. **Available Non-Sterile, 25 per pack or Sterile, individually packaged, 100 per pack.**



| CATALOG NO. | DESCRIPTION                      | QUANTITY |
|-------------|----------------------------------|----------|
| F37873-0000 | Non-Sterile Transpette™ Pipettor | 25       |
| F37873-0001 | Sterile, Transpette™ Pipettor    | 100      |



## Pipetting Reservoir - Disposable

*Economical and Disposable*

The pipetting reservoir has a 100ml capacity for extended multi-channel pipetting into microwell plates, Mini-Tubes, Cube 2ube® Tubes and deep well blocks. Allows ample clearance for all types of pipettors. 9.2 x 15.2 x 3.2cm H (3 5/8" x 6" x 1 1/4"). **50 per pack.**



| CATALOG NO. | DESCRIPTION                               | QUANTITY |
|-------------|---|----------|
| F37877-0000 | Bulk packed, non-sterile                  | 50       |
| F37877-0001 | Individually packed, radiation sterilized | 50       |

## "Three-In-One" Multi-channel Pipette Reservoir

*One Reservoir, Three Layouts*

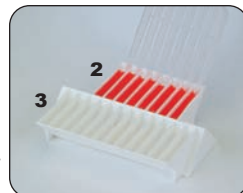
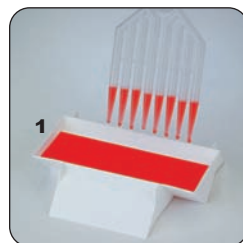
Ideal for use when filling multi-tube blocks or microwell plates, this two-sided polypropylene reservoir is actually three reservoirs in one:

1. A graduated single reagent reservoir with graduations at 10, 25, 40 and 50ml.

**And on the reverse side:**

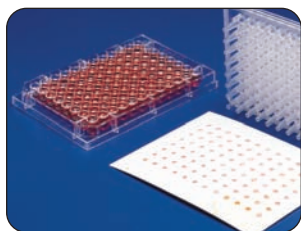
2. A reservoir with 8 separate 5ml (max. capacity) reagent channels.
3. A reservoir with 12 separate 5ml (max. capacity) reagent channels.

Each compartment of the multi-channel reservoirs is numbered for reagent identification. Suitable for use with all brands of multi-channel pipettors. Autoclavable and reusable. **10 per pack.**



| CATALOG NO. |
|-------------|
| F37882-0000 |

# PIPETTING



## Bel-Blotter™ 96-Well Replicating Tool

*Increase Productivity, Minimize Effort*

Designed to do tedious tasks with a minimum of effort, the 96 open-ended pipette tips of this unique product fit all types of 96 well plates from flat, vee or round bottom plates to 0.2ml thin-walled PCR plates and tubes. Will pick up fluid up to 10µl per tip for placement onto filter paper, 96 wells plate or other receiving media. Can be used for replication of recombinant DNA libraries, inoculation of filters for colony hybridization, PCR, phage typing and other applications. Molded of polycarbonate, it is easy-to-use, reusable and autoclavable. **Per each, 10 per case.**



### CATALOG NO.

F37876-0002

*For Additional 96-Well Plate Accessories, See the Life Science Section on Pages 198-229*



## Pipettor Accuracy Test Kit

*Provides a Quick and Simple Method of Testing Pipettors*

Pipettors trusted to deliver precise microliter volumes should be checked for accuracy on a regular basis. This kit eliminates the time consuming alternative of using a balance and is ideal for all air displacement pipettors such as Rainin, Gilson, Eppendorf, SMI, Oxford, Clinicon, Brand, Finn, MLA and other brands. Consists of 2 soft vinyl adapters (a yellow one for volumes up to 100µl and a blue one for volumes from 200 to 1000µl), 25 each of five sizes of glass capillaries, and two glass pipettes for the higher volumes. All capillaries are color-coded and have a calibration line accuracy of  $\pm .05\text{mm}$ . Packaged in a transparent plastic storage box with complete instructions for use. Not meant for certification of calibration.

### CATALOG NO.

F37870-0000

### DESCRIPTION

Pipettor Accuracy Test Kit

## Replacement Capillaries

| CATALOG NO. | VOLUME | QUANTITY |
|-------------|--------|----------|
| F37870-0010 | 10µl   | 250 Pcs  |
| F37870-0020 | 20µl   | 250 Pcs  |
| F37870-0050 | 50µl   | 250 Pcs  |
| F37870-0100 | 100µl  | 250 Pcs  |
| F37870-0200 | 200µl  | 125 Pcs  |

## Cleanware™ Pipette Rinsing System

### A. Pipette Jars

#### For Pipette Cleaning and Storage

Leakproof, polyethylene pipette jars store and soak pipettes and will withstand all common cleaning solutions at room temperature, including sulfuric acid/dichromate. Pipette Baskets (below), filled with pipettes, fit into the corresponding size jar. **Per each, 4 per case.**



| CATALOG NO. | DIAMETER    | HEIGHT     | HOLDS PIPETTE BASKET |
|-------------|-------------|------------|----------------------|
| F17130-0018 | 15.2cm (6") | 46cm (18") | 17106                |
| F17130-0024 | 15.2cm (6") | 61cm (24") | 17107                |

### B. Pipette Baskets

#### Avoid Costly Breakage

Pipette baskets have cut-out hand grips for easy handling. Gusher holes provide quick drainage when lifted from a soaking jar, and a foam disk on the bottom cushions pipette tips to prevent breakage. **Per each, 6 per case.**



| CATALOG NO. | FOR PIPETTES | DIAMETER    | HEIGHT     |
|-------------|--------------|-------------|------------|
| H17106-0000 | 46cm (18")   | 10.2cm (4") | 58cm (23") |
| H17107-0000 | 61cm (24")   | 10.2cm (4") | 81cm (32") |

### C. Pipette Rinsers

#### Effective, Reliable Design Ensures Safe, Efficient Operation

Provides a simple, automatic method for rinsing large numbers of pipettes at one time. High level water entry provides an air gap between the maximum water level and the end of the water inlet tube ensuring safe and efficient operation. The "tube within a tube" siphoning system assures rapid, complete and automatic siphoning and refilling over a wide range of inlet water pressures and flow rates. Minimizes the danger of siphon stalling at certain water inflow rates and prevents any possible backflow into the potable water supply in the event of a pressure interruption. Includes a 30.5cm (12") long piece of 2.5cm (1") I.D. drain tube and 1.5M (5ft) of 12.5mm (½") I.D. flexible water inlet tube.



| CATALOG NO. | FOR PIPETTES | DIMENSIONS (W x H)             | PIPETTE BASKET |
|-------------|--------------|--------------------------------|----------------|
| F17131-0018 | 46cm (18")   | 25.2 x 64cm (9 9/16 x 25 1/4") | 17106          |
| F17131-0024 | 61cm (24")   | 25.2 x 79cm (9 9/16 x 31 1/4") | 17107          |

## Complete Cleanware™ Pipette Rinsing System

| CATALOG NO. | DESCRIPTION                               |
|-------------|---|
| H17121-0000 | Items A,B,C For Pipettes up to 46cm (18") |
| H17122-0000 | Items A,B,C For Pipettes up to 61cm (24") |

# PIPETTING



## Pipette Support Stand

### Space Saving Storage

For safe and orderly storage of up to 28 pipettes. This polypropylene stand has a two-section top plate; one with 10 holes, 14mm in diameter, the other with 18 holes, 11mm in diameter. Holes in the lower plate are 4mm in diameter and support the tips of the pipettes as they are held in the stand.

**Per each, 12 per case.**



| CATALOG NO. | PLACES | DIMENSIONS (DIAM. x H) |
|-------------|--------|------------------------|
| F18955-0000 | 28     | 17.8 x 17.8cm (7 x 7") |

## Rotary Pipette Stand

### Turn to the Pipette You Want

This unique stand holds up to of 94 pipettes and rotates on a central vertical axis for convenient selection. The lower rotating disc consists of four concentric troughs with tapered sides and open bottoms which cradle the tips protectively. The upper rotating disc has a grid pattern concentric with the bottom disc keeping the pipettes vertical. Liquid draining off the pipette tip is retained on top of the stationary base by the outer rim. A low center of gravity stabilizes the 48cm high (18¾") stand on the 23cm (9") diameter base. Rotating disks are 18cm (7½") diameter. Instructions for quick assembly included.



| CATALOG NO. | PLACES | DIMENSIONS (DIAM. x H) |
|-------------|--------|------------------------|
| F18957-0000 | 94     | 23 x 48cm (9 x 18¾")   |



## Pipette Tray Rack

### Clutter-Free Pipette Storage in Your Lab Drawers

This styrene tray can be used in drawers or on the benchtop for storing pipettes and can also be used for soaking pipettes before cleaning. Scalloped rims hold 16 small or 7 large pipettes while the center support holds 12 short pipettes in a perpendicular direction. **Per each, 24 per case.**



| CATALOG NO. | PLACES | DIMENSIONS (L x W x H)               |
|-------------|--------|--------------------------------------|
| F18940-0000 | 7/12   | 28.6 x 21.6 x 2.9cm (11¼ x 8½ x 1⅛") |

## Pipette Support Rack

*Safe, Convenient Storage*

Sturdy polypropylene rack holds 50 pipettes in a vertical 5 x 10 arrangement. Top and middle decks have 16 mm diameter holes; bottom deck holes are tapered from 16 mm to 6 mm diameter. Pipette tips will not contact table surface. End plates have handles for easy carrying. Steam autoclavable at 121°C (250°F). **Per each, 6 per case.**



| CATALOG NO. | PLACES | DIMENSIONS (L x W x H)  |
|-------------|--------|---|
| F18953-0000 | 50     | 21.3 x 11.4 x 22.2cm (8 $\frac{3}{8}$ " x 4 $\frac{1}{2}$ " x 8 $\frac{3}{4}$ " ) |

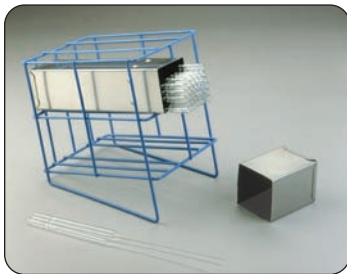
## Pipette Support Rack

*Supports Pipettes Horizontally without Pressure on Fragile Tips*

Holds 12 volumetric or graduated pipettes 1ml and larger. The polyethylene support is 24.1cm x 17.8cm (9 $\frac{1}{2}$ " x 7") wide and 29.2cm (11 $\frac{1}{2}$ " ) high. There is 21.3cm (8 $\frac{3}{8}$ " ) between plates with a 1.9cm ( $\frac{3}{4}$ " ) diameter carrying bar at the top. Supports pipettes longer than 22cm (8 $\frac{3}{8}$ " ).



| CATALOG NO. | PLACES | DIMENSIONS (L x W x H)   |
|-------------|--------|--|
| H18960-0000 | 12     | 24.1 x 17.8 x 29.2cm (9 $\frac{1}{2}$ " x 7 x 11 $\frac{1}{2}$ " ) |



## Pasteur Pipette Can Rack - Poxxygrid®

*Safely Store Disposable Pipettes within Easy Reach*

For safe, convenient storage of Pasteur pipettes or transfer pipettes. Individual compartments store up to four pipette sterilization cans, each with dimensions of 5.7 x 5.7cm (2 $\frac{1}{4}$ " x 2 $\frac{1}{4}$ " ). The durable, blue epoxy coated rack sits flat on the benchtop and supports pipettes at an angle to allow for easy selection and use. Steam autoclavable at 121°C (250°F). Pipette cans not included.



| CATALOG NO. | PLACES | DIMENSIONS (L x W x H)  |
|-------------|--------|---|
| F18942-0000 | 4      | 19 x 14 x 19.4cm (7 $\frac{1}{2}$ " x 5 $\frac{1}{2}$ " x 7 $\frac{3}{4}$ " ) |

# PIPETTING



## Universal Implement Stand

*Keeps Rounded Items from Rolling off the Bench*

Secure pipettes, stirring rods, burettes, thermometers, pencils, and more in this handy holder with semi-circular notches. The stand is especially useful as a sterile hood tool. Molded of polypropylene, the

support is 8.3cm (3¼") diameter x 5.6cm (2⅞") high and is steam autoclavable at 121°C (250°F). **2 per pack, 12 packs per case.**



### CATALOG NO.

F18973-0000

## Automatic Self Zeroing Burettes

*Accurate and Economical Liquid Dispensing*

Borosilicate glass burettes have white 0.1ml graduations and are mounted to a high-density polyethylene screw cap. Squeezing the flexible polyethylene bottle forces liquid into the burette. Built in overflow automatically drains excess liquid back into reservoir. The glass stopcock has a 2mm bore. Large, stable plastic base can be detached from reservoir. Accuracy of burette is within 1% of total volume. Graduation accuracy is Class A. **Per each.**



| CATALOG NO  | BURETTE CAPACITY | RESERVOIR CAPACITY | BASE DIAMETER | BURETTE HEIGHT |
|-------------|------------------|--------------------|---------------|----------------|
| F37915-0510 | 10ml             | 500ml              | 11.8cm (4⅝")  | 47cm (18½")    |
| F37915-0525 | 25ml             | 500ml              | 11.8cm (4⅝")  | 60cm (23½")    |
| F37915-1010 | 10ml             | 1000ml             | 13.7cm (5⅝")  | 47cm (18½")    |
| F37915-1025 | 25ml             | 1000ml             | 13.7cm (5⅝")  | 60cm (23½")    |



## Automatic Burettes

*Self Zeroing Glass Burettes*

These burettes have easy to read blue graduations against a white background. The delivery end is fitted into a plastic push button stopcock which permits drop by drop delivery. A small screw clamp adjusts drop speed as needed for titration. A polyethylene filling tube extends from the top of the burette into the bottle reservoir. Bottle, screw cap and round base are polyethylene. Graduation accuracy is Class B. **Per each, 12 per case.**



| CATALOG NO  | BURETTE CAPACITY | BOTTLE DIAMETER | DIVISIONS | RESERVOIR |
|-------------|------------------|-----------------|-----------|-----------|
| H37918-0109 | 10ml             | 7.62cm (3")     | 1/20      | 500ml     |
| H37918-0110 | 15ml             | 7.62cm (3")     | 1/10      | 500ml     |
| H37918-0111 | 25ml             | 7.62cm (3")     | 1/10      | 1000ml    |
| H37918-0112 | 50ml             | 7.62cm (3")     | 1/10      | 1000ml    |

## Pipettor Stand-6 Rack

### Clear and Handy Pipettor Parking

Keep up to 6 pipettors at hand with this clear acrylic holder. Cutouts on two shelves hold and support the most popular pipettor models.



ACRYLIC

CATALOG NO.

DIMENSIONS (L x W x H)

F18961-0060

30.5 x 12.7 x 24cm (12 x 5 x 9½")



## Stainless Steel Pipettor Stand

Made of stainless steel without any plastic coating, this universal rack holds all types of pipettors including the Gilson Pipetman®. It has five positions, a sloping back and open front notches to hold the pipettors. Suitable for free standing on a bench top.

STAINLESS STEEL

CATALOG NO.

DIMENSIONS (L x W x H)

H18962-0006

22.9 x 14.6 x 19.7cm (9 x 5¾ x 7¾")



## Pipettor and Tip Storage Station

### Keep Pipettors and Tips within Reach

The top rack stores up to six pipettors, and the three acrylic bins hold a generous supply of bulk pipette tips. White acrylic base, sides and top afford easy cleaning. Bin front and self closing lid are made from transparent acrylic for clear view of contents.

ACRYLIC

CATALOG NO.

DIMENSIONS (L x W x H)

F18961-9166

24 x 42 x 16.5cm (9½ x 16½ x 6½")

## Tip 'N' Tube Dispenser

### Organized Storage, Easy Access

Keep small items such as pipettor tips, micro tubes and centrifuge tubes at your fingertips. This polystyrene dispenser accepts "bulk" bags of up to 200 microcentrifuge tubes (1.5ml) while the open tray provides easy single access. May be used for items up to 7.6cm (3") long.



PS

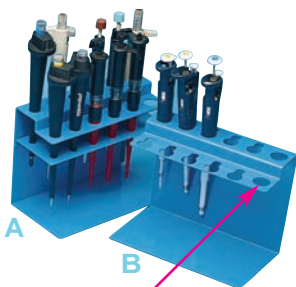
CATALOG NO.

DIMENSIONS (L x W x H)

H11938-0000

22 x 14 x 20cm (8½ x 5½ x 8")

# PIPETTING



**Drummond  
Pipette-Aid® hole**

## Microliter Pipettor Racks - Poxygrid®

*Save Time and Money. No More Searching, Fumbling or Breakage.*

Store your pipettors in neat, orderly rows. Racks protect pipettor tips and provide quick, easy access for more efficient work. Finnpiquette®, Socorex®, Eppendorf® and other popular brands of pipettors are held in two rows for instant retrieval. Made of epoxy-coated aluminum.

**A.** Holds 10 round shaped pipettors in two stepped rows of 5 each. End holes are for Pipette-Aid® pipette filler. A second lower support row has smaller holes that accept the tapered ends of the pipettors to keep them vertical.

### CATALOG NO.

H18962-0000

### DIMENSIONS (L x W x H)

22.9 x 12.7 x 17.1cm (9 x 5 x 6¾")

**B.** Made exclusively to hold the Gilson Pipetman® which differs in external shape from the other types. Holds 10 pipettors plus all available Pipet-Aid® pipettes.

### CATALOG NO.

H18962-0001

### DIMENSIONS (L x W x H)

22.9 x 12.7 x 17.1cm (9 x 5 x 6¾")

## For Wall Mounting

Made for wall mounting only, this rack has the same hole pattern as H18962-0001 (B). The back plate has two holes for screw attachment to the wall and double faced tape (included) on its lower edge. Designed for Gilson Pipetman® plus all available Pipet-Aid® pipettes.



### CATALOG NO.

H18962-0002

### DIMENSIONS (L x W x H)

22.9 x 9.8 x 20.3cm (9 x 3⅞ x 8")



## With Extended Base

Having the same hole pattern as the H18962-0001(B) for Gilson Pipetman® and all available Pipet-Aid® pipettes, this rack has an extended base with a raised lip to hold plastic tip boxes. Suitable for wall mounting or for free standing on a bench.

### CATALOG NO.

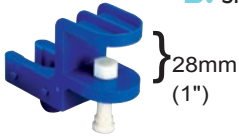
H18962-0004

### DIMENSIONS (L x W x H)

22.9 x 20 x 17.1cm (9 x 7⅞ x 6¾")



**A.** Triple Holder Clamp



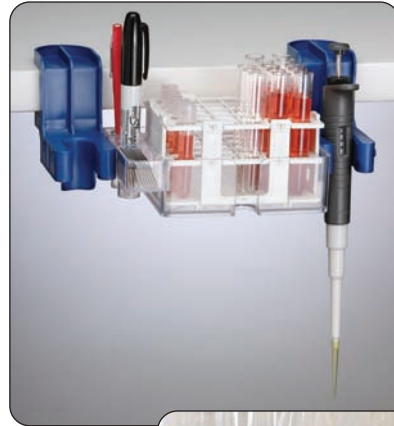
**B.** Single Holder Clamp



**C.** Extender



**D.** Utility Tray  
(Single Holder Clamps Sold Separately)



## Pipettor Holder System - PiRack®

### Mix and Match Components to Suit Your Needs

This polypropylene system is strong enough to support the weight of even the heaviest pipettor. Hold a single pipette with one clamp or add a triple clamp or extenders to increase the number of holders at a work location. The utility tray, which mounts between two clamps, is ideal for storing pipetting supplies or other small items. It is perfectly sized for Scienceware® No Wire™ Half Racks that hold tubes, vials, mini tubes and cuvettes (see page 295). Attach to any shelf or benchtop edge up to 2.54cm (1") thick using the large locking thumbscrew clamp. Supports many standard brands of pipettors. All components are chemical resistant and autoclavable at 121°C (250°F).



| CATALOG NO. | DESCRIPTION   |
|-------------|---|
| F18954-0000 | A Triple Holder Clamp (1 single holder clamp and 2 extenders) |
| F18954-0001 | B Single Holder Clamps (2)                                    |
| F18954-0002 | C Extenders (4)   |
| F18954-0500 | D PiRack® Utility Tray  |