



## Focus on Liquid Handling

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One company, four internationally-recognised brands

## Introduction

Stuart offers a comprehensive range of liquid handling products. The Bibbyjet Pro is a powerful and light weight rechargeable pipette controller. The Bibbypet range of bottle top dispensers offer an economical solution to measured bottle dispensing, with the Pressmatic range available for more precise dispensing. The range is completed with the digital burette, making titrations quick and easy.



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### Bibbyjet Pro Pipette Controller

- Dual-controls provide simple operation for filling and delivery
- One full working day of pipetting without recharging
- Specially designed silicone adapter provides a tight fit for all glass or plastic pipettes from 0.1 to 100ml
- Built-in non-return valve combined with a membrane filter effectively protects against penetration of liquids



### Digital Burette

- Accuracy of <math><0.2\%</math>, Precision of <math><0.1\%</math>, Resolution of 0.01ml
- Lifetime battery for over 60,000 titrations with 'auto-off' function
- 'Zero' reset button allows for quick and simple completion of multiple titrations
- Instant and accurate large LCD read-out provides constant display of volume dispensed

### Pressmatic HF Bottle Top Dispenser >>

- High precision dispensing for highly aggressive liquids such as hydrofluoric acid
- Piston, barrel, valve block and tubes are manufactured from chemically inert ceramic and PTFE
- Innovative ergonomic design that maximises safety and ease of use
- Recirculation valve delivers the reagent used for priming back into the bottle
- Available in 2.0 to 10.0ml capacity



## Bibbypet Bottle Top Dispenser >>

- Economical solution for the dispensing of non-aggressive liquids
- Accurate and reliable dispensing of many common laboratory liquids
- Low-cost replaceable piston/cylinder and valves
- Available in either:
  - 1 to 10ml
  - 2.5 to 25ml



## << Pressmatic PP Bottle Top Dispenser

- Accuracy of <math><0.7\%</math> and Repeatability of <math><0.1\%</math>
- Accurate dispensing of many common laboratory liquids
- Simple click stop ring for fast and accurate volume setting
- Clear viewing window to check priming
- Available in either:
  - 2.0 to 10.0ml
  - 10.0 to 60.0ml



## Pressmatic R Bottle Top Dispenser >>

- High precision dispensing ideal for most solutions, including concentrated acid and alkali solutions
- Innovative ergonomic design that maximises safety and ease of use
- Recirculation valve delivers the reagent used for priming back into the bottle
- Chemically resistant and non-sticking ceramic piston
- Available in either:
  - 0.2 to 1.0ml
  - 0.4 to 2.0ml
  - 1.0 to 5.0ml
  - 2.0 to 10.0ml
  - 5.0 to 30.0ml
  - 10.0 to 60.0ml





## Pressmatic Bottletop Dispensers



Model	PD10P	PD60P	PD1R	PR2R	PD5R	PD10R	PD30R	PD60R	PD10R/HF
Range	Pressmatic	Pressmatic	Pressmatic	Pressmatic	Pressmatic	Pressmatic	Pressmatic	Pressmatic	Pressmatic
Volume, ml	2.0 to 10.0	10.0 to 60.0	0.2 to 1.0	0.4 to 2.0	1.0 to 5.0	2.0 to 10.0	5.0 to 30.0	10.0 to 60.0	2.0 to 10.0
Subdivision, ml	0.25	1.00	0.05	0.05	0.10	0.25	0.50	1.00	0.25
Accuracy, %	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7
Repeatability, %	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1

## Bibbypet



Model	BD10	BD25
Range	Bibbypet	Bibbypet
Volume, ml	1 to 10	2.5 to 25
Subdivision, ml	0.2	0.5
Accuracy, %	1.2	1.2
Coefficient of variation, %	0.2	0.2

## Bibbypet dispensing cartridge

Model	Capacity	Materials	Pack Qty
BD1010	10ml	Piston PE, cylinder PP	3
BD1012	25ml	Piston PE, cylinder PP	3

## Bibbypet replacement parts

Model	Description	Pack Qty
BD1014	Discharge tube	1
BD1016	Filling tube, 250mm	2

## Polypropylene adapters

Model	Description	Thread
PD4532PP	Polypropylene bottle top adapter	32mm
PD4538PP	Polypropylene bottle top adapter	38mm
PD4540PP	Polypropylene bottle top adapter	40mm
PD4532PT	Chemically resistant ECTFE bottle top adapter	32mm
PD4538PT	Chemically resistant ECTFE bottle top adapter	38mm
PD4540PT	Chemically resistant ECTFE bottle top adapter	40mm

## BibbyJet Pipette Controller



PC2000	BibbyJet Pro with charger for UK and Ireland
PC2001	BibbyJet Pro with charger for Europe
PC1011	Silicone Adapter
PC1012	0.2µm filter, sterile, pack of one
PC1013	0.2µm filter, sterile, pack of ten
PC1014	3µm filter, non-sterile, pack of one
PC1015	3µm filter, non-sterile, pack of ten
PC1016	Wall support

## Digital Burette, BT30, BT50

Model	Description
BT30	30ml Digital Burette with 33, 38 and 45mm adapters
BT50	50ml Digital Burette with 33, 38 and 45mm adapters

## Accessories

Model	Description
BTA33	Bottle adapter, 33mm thread
BTA38	Bottle adapter, 38mm thread
BTA40	Bottle adapter, 40mm thread
BTA45	Bottle adapter, 45mm thread

## Digital Burette Reservoirs

Model	Description	Capacity
DB1400A	Reservoir with side filling port chamber	1400ml
DB2500A	Reservoir with side filling port chamber	2500ml



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