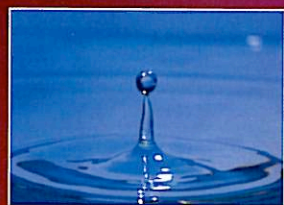
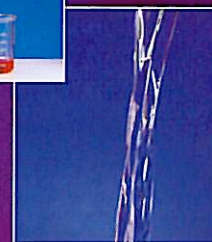
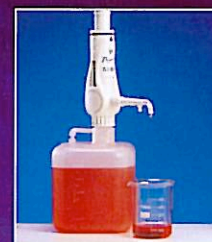




# Pressmatic



## Bottletop Dispensers



quality in science



# *Pressmatic* PP

The simple construction of the Pressmatic

PP provides an affordable, yet easy to use and highly accurate dispenser. This model is based on a polypropylene valve block with a glass piston and barrel and is suitable for use with most aqueous solutions, including buffers, dilute acids and alkalis, biological solutions, polar solvents such as alcohols, acetone or any other liquid compatible with polypropylene. The Pressmatic PP fits directly onto a 32mm bottle and is also supplied with the following adapters: 40mm (for Merck bottles), 45mm (for GL45 bottles) and 28mm.

- **Economical Polypropylene mechanism**
- **Ideal for routine dispensing of non-aggressive liquids**
- **Available in two sizes**

Clear window allows easy observation of barrel during priming.

Commonly used 32mm thread: three adapters supplied as standard fit almost all types of reagent bottle

Volume selected by easy to use graduated ring.

Economical polypropylene mechanism for dispensing non-aggressive solutions.

Integral drip cap.



BIBBY



# Reliable, precision dispensing

## Pressmatic R

The high specification and innovative design of the Pressmatic R

makes it the ideal dispenser for most solutions, including concentrated acid and alkali reagents. The liquid pathway in this model is made of glass, PTFE and ceramic, offering high chemical resistance.

To avoid reagent wastage and to improve user safety a new recirculation system returns solution used for priming back into the bottle. The Pressmatic R fits directly onto a 45mm bottle and is also supplied with the following adapters: 40mm (for Merck bottles), 32mm (for common laboratory bottles) and 28mm.

Secure housing for drip cap when not in use.

- **Precision formed glass and ceramic mechanism**
- **High chemical resistance**
- **Innovative recirculation system**
- **Fully rotational for optimum positioning**
- **Available in six sizes**

Robust 45mm thread (also supplied with three adapters)

The dispenser can be rotated through 360° on the bottle neck.

Enlarged piston grip

Innovative piston engineering means no dismantling required for autoclaving

Glass and ceramic pathway allows use with most solutions including concentrated acids and alkalis.

Recirculation system delivers reagent used for priming back into the bottle for re-use.



Moulded air inlet fits a standard syringe filter for sterile dispensing



# Pressmatic HF

The dispensing mechanism of the Pressmatic HF

is designed to handle highly aggressive liquids, including hydrofluoric acid. The piston, barrel and valves are made from chemically inert ceramic, the valve block and tubes from PTFE.

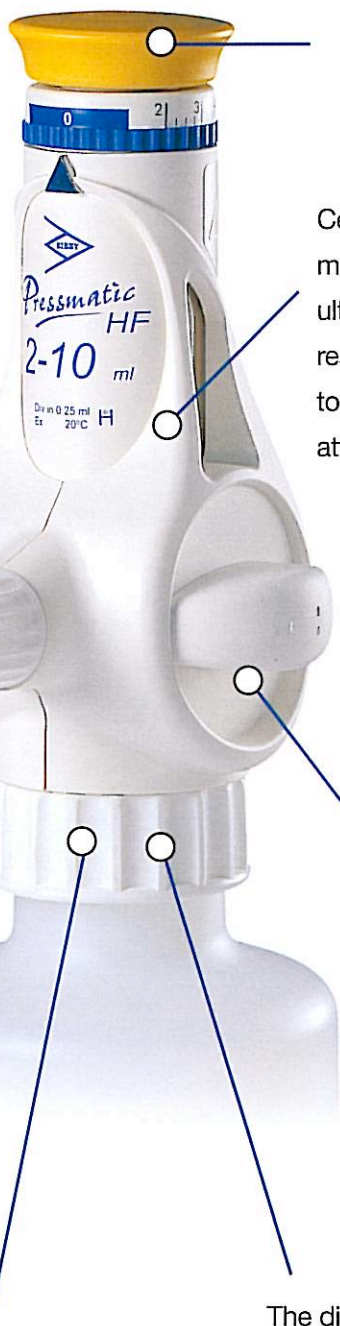
The Pressmatic HF fits directly onto a 45mm bottle and is supplied with the following adapters:

40mm (Merck bottles), 32mm (for common laboratory bottles) and 28mm.

● **Chemically inert ceramic and PTFE mechanism**

● **Innovative recirculation system**

● **Fully rotational for optimum positioning**



Enlarged piston grip

Ceramic and PTFE mechanism gives ultimate chemical resistance, even to reagents that attack glass.

Recirculation system delivers reagent used for priming back into the bottle for re-use.

Robust 45mm thread (also supplied with three adapters)

The dispenser can be rotated through 360° on the bottle neck for optimum positioning.

**Fast, accurate, easy operation**



TO SET the volume, rotate the graduated ring to the required position. Once selected the set volume is automatically locked in position, preventing accidental adjustment.



TO DISPENSE, pull the piston up to the top position and eject the set volume by pushing down.



Each PRESSMATIC dispenser is supplied complete with three adapters, a Bibby Sterilin Guarantee / Calibration certificate and an instruction manual. A tool is also provided for removing valves.



# Liquid assets

Precise liquid dispensing is such an important part of sample preparation that it is essential that the tools you use are accurate, reliable and easy to operate. The new range of Pressmatic® dispensers combine all of these features and more, with a choice of three levels of chemical resistance to suit almost any dispensing requirement.



The Pressmatic® is very easy to use. Simply set the required volume on a rotating graduated ring; once set, the ring locks into place to prevent accidental adjustment. A clear window allows you to check the cylinder for air bubbles. To dispense, pull the piston up then push down.

The high precision Pressmatic® is accurate to better than 0.7% and is ideal for repeat dispensing (repeatability better than 0.1%). Each unit is individually tested and supplied with a calibration certificate for guaranteed accuracy.



The Pressmatic® is designed for problem-free maintenance. The units are simple to take apart for cleaning purposes; all valves and tubes are replaceable and the unit is fully autoclavable up to 121°C, 2 bar. An integral drip cap is fitted as standard. The Pressmatic® is connectable to almost any type of laboratory vessel; every unit is supplied with a robust screwthread plus three adapters as standard. A full range of bottles are also available as accessories.



## Technical specification & ordering information

*Pressmatic*

**PP**



Cat. No.	Capacity, ml	Subdivisions, ml	Repeatability, %	Accuracy, %
PD10P	2.0 to 10.0	0.25	<0.1	<0.7
PD60P	10.0 to 60.0	1.00	<0.1	<0.7

### Spare parts & Accessories

Cat. No.	Description	Cat. No.	Description
PDN1	Discharge tube for PD10P	PD500	Pyrex® bottle, clear glass, 500ml, A32
PDN2	Discharge tube for PD60P	PD500A	Pyrex® bottle, amber glass, 500ml, GL45
PDV1	Discharge valve for PD10P	PD1000	Pyrex® bottle, clear glass, 1000ml, A32
PDV3	Discharge valve for PD60P	PD1000A	Pyrex® bottle, amber glass, 1000ml, GL45
PDN3	Suction tube for PD10P	BNP05B	Azlon® bottle, plastic PP, 5000ml, GL45
PDN4	Suction tube for PD60P		
PDS1	Suction valve for PD10P		
PDS3	Suction valve for PD60P		

*Pressmatic*

**R**



Cat. No.	Capacity, ml	Subdivisions, ml	Repeatability, %	Accuracy, %
PD1R	0.2 to 1.0	0.05	<0.2	<0.7
PD2R	0.4 to 2.0	0.05	<0.1	<0.7
PD5R	1.0 to 5.0	0.10	<0.1	<0.7
PD10R	2.0 to 10.0	0.25	<0.1	<0.7
PD30R	5.0 to 30.0	0.50	<0.1	<0.7
PD60R	10.0 to 60.0	1.00	<0.1	<0.7

### Spare parts & Accessories

Cat. No.	Description	Cat. No.	Description
PDN5	Discharge tube	PD500	Pyrex® bottle, clear glass, 500ml, A32
PDV3	Discharge valve	PD500A	Pyrex® bottle, amber glass, 500ml, GL45
PDN4	Suction tube, 310mm	PD1000	Pyrex® bottle, clear glass, 1000ml, A32
PDS3	Suction valve	PD1000A	Pyrex® bottle, amber glass, 1000ml, GL45
PDR1	Recirculation valve	PC1013	0.2µm filter (pack of 10)
PDR2	Recirculation tube	BNP05B	Azlon® bottle, plastic PP, 5000ml, GL45

*Pressmatic*

**HF**



Cat. No.	Capacity, ml	Subdivisions, ml	Repeatability, %	Accuracy, %
PD10R/HF	2.0 to 10.0	0.25	<0.1	<0.7

### Spare parts & Accessories

Cat. No.	Description	Cat. No.	Description
PDN5	Discharge tube	PMH1000GL45	Azlon® HDPE plastic bottle, 1000ml, GL45
PDV3/HF	Discharge valve, HF		
PDN4	Suction tube, 310mm		
PDS3/HF	Suction valve, HF		
PDR2	Recirculation tube		
PDR1/HF	Recirculation valve, HF		



Thank you for reading this data sheet.

For pricing or for further information, please contact us at our UK Office, using the details below.



**UK Office**

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**Fax: +44 (0)1245 808399**

**Email: [sales@keison.co.uk](mailto:sales@keison.co.uk)**

Please note - Product designs and specifications are subject to change without notice. The user is responsible for determining the suitability of this product.