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# DISPENSING GUN

Sealant high quality applicators

# DISPENSING GUN

## BENEFITS

One year warranty

An innovative range

Attractive prices

Reliability and excellent service

Competitive prices and excellent price/quality value

A lifetime at least 10 times longer than the copies

Strict quality management, compliant with ISO 9001



## PRESENTATION

Historic partners of PDS, Cox offers the widest range of guns and applicators of the world. Thanks to the invention of the mastic gun, COX has become the global market leader of the applicators and choose PDS for distribution in BENELUX.

Made in England, recognized for its robustness comparing to concurents products, it's more than 90 models that help you to succeed your most technical projects and works.

Recognizing the complexity of some task, our applicators suit to your needs thanks to our large

range (for one-component and two-component products), the choice available in the type of pushing (mechanical manual guns , pneumatic or electrical) and in the diversity of components and cartridges sizes (310 - 400ml) two - component bi mixer (50 -150-200- 220 - 235- 330-345-380-400-620) two component axial co (150-220-300-330-380ml) - and bags (310 - 400-600 ml) and the VRAC.

All our products are customizable to your corporate logo (engravings and inscriptions on a minimum purchasing volume)

By combining an innovative design with an excellent manufacturing standards, a strict quality management, a prices policy competitive and a deep understanding of the market of sealants and adhesives, PC Cox <sup>TM</sup> has developed a series of manual, electric and pneumatic applicators that respond to the DIY market needs and also to the most sophisticated industrial specialty.

We found in the middle of the keys success factors of COX, his significant commitment for research and development : continuous improvement of his products to meet the growing market demands, new materials research and testing, and new manufacturing techniques.

The company regularly design new applicators to meet customer needs by pioneering products worldwide.

# SINGLE - COMPONENT RANGE

Specially designed for DIY professionals, single-component guns offered by PDS are exclusively manufactured in the United Kingdom. They provided three different ranges of dispensing gun : manual, pneumatic or battery. They allow you to undertake the most demanding work by guaranteeing a long-term use associated with a level of safety and optimal control.

## Manual Guns

Designed for any kind of product conditionned in single-component cartridges, in pocket or in VRAC whatever their viscosity. You will find a wide range of gun with different trigger having ratios ranging from 7: 1 to 25: 1 and sizes of cartridges or pockets (310 ml, 400 ml and 600 ml)

Ranges: Easiflow - Midiflow - Powerflow - Ultraflow - Ultrapoint

## Pneumatic guns

The new generation of pneumatic applicators Airflow 3 offers a fast and effortless implementation of all your products. Ideal for the most demanding applications both inside or outside. The pneumatic gun have a pushing capacity up to 4.1 kN and are used for bags, 310ml cartridges, 400ml and 600ml, and bulk.

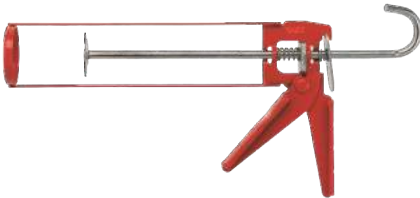
Ranges: Airflow III - Jetflow - Ultrapoint

## Electric guns

Electric guns are battery-operated applicator that deposits the most viscous products quickly and efficiently, with power up to 3.0 kN. They exist in three sizes for bags and 310 ml, 400ml and 600ml cartridges.

Ranges: Electraflow - Easipower - Floorfix - WallFix

## Manual



EASIFLOW [ 4 models ]



MIDIFLOW [ 2 models ]

Manual and specialized applicator	Manual and versatile applicator
Welded steel epoxy or molded ABS	Welded steel and epoxy
Standard PRD	Bags 310, 400 and 600 ML
Cartridges 310/400 (ML)	Cartridges 310 and 400 ML
Trigger Ratio: 7.1	Trigger 10: 1

## Pneumatic



ULTRAPOINT [ 1 model ]

Specialized for large volumes
1.45kN thrust
BULK 1L
Use of BULK materials
Comes with a mixing turbine

## SINGLE - COMPONENT RANGE

### Manual



ULTRAFLOW [ 3 models ]



Powerflow [ 6 models ]



ULTRAPOINT [ 1 model ]



AIRFLOW III [ 4 models ]

Coaxial cartridge 150 ML	Specialized and versatile applicator	Specialized applicator large volumes	New generation applicator
BULK 600, 800, 1000 ML	BULK 2, 3, 4 L	BULK 1L	Pressure 145 PSI (10 Bar)
Bags 310, 400, 600 ML	Cartridges / Bags 310,400,600ML	Comes with a mixing turbine	Bags 310, 400, 600ML
Cartridges 310, 330, 400, 500, 600 ML	Coaxial ML 150 and a quarter US	Use of VRAC materials	Cartridges 310, 400 ML
Reports 12: 1, 18: 1 and 25: 1	Trigger ratio 12: 1 or 18: 1	Trigger 12: 1 ratio	Power 1.4 KN

### Pneumatic

### Electric



JETFLOW [ 2 models ]



ELECTRAFLOW [ 2 models ]



FLOORFIX [ 1 model ]



WALLFIX [ 1 model ]

Spray new generation	Electric applicator	Ideal for glue on parquet	Ideal for vertical surfaces
Flight impossible	3.0kN power	3.0kN power	3.0kN power
Bags 310, 400, 600ML	Bags 310, 400, 600 ML	Pocket 1.8L	1.5 The Pocket
Cartridges 310, 400 ML	Cartridges 310, 400 ML	Rake nozzle 190, 300, 400mm	Many accessories available
1.45kN power	Rechargeable Battery 14.4 Volts	Rechargeable Battery 14.4 Volts	Rechargeable Battery 14.4 Volts

## TWO - COMPONENT RANGE

### Two - components range

The use of two-component applicators and static mixing nozzle cartridge was found to be an effective method for dispensing of reactive substances, such as adhesives and sealants. In recent years, production has increased significantly with the improvement of the use of applicators in all types of industries. PDS offers you the widest available range of Bi-component applicators in the world :

More than 60 models designed for dual cartridges and co-axial.

STANDARD CARTRIDGES	MANUAL	PNEUMATIC
50ml (1:1) [25+25]	CBM 25 - MPD 50/50	CBA 25
150ml (1:1) Plas-Pak (75+75)	PPM 75	PPA 75LP - PPA 75HP
220ml (1:1) Ritter (110+110)	RBM 100LV - RBM 100	RBM 200X - RBA 200B
380ml (1:1) Ritter (190+190)	RBM 200X	RBA 200B
620ml (1:1) Ritter (310+310)	RBM 310X	RBA 310 B
200ml (1:1) [100+100]	VBM 100 - TBM 100LV - TBM 100 Eclipse 200	VBA 100LP - VBA 100HP - VBA 100LP/1 TBA 100HP/1
400ml (1:1) [200+200]	VBM 200 - VBM 200X	VBA 200A - VBA 200B
235ml (7:1) [206+29]	CBM 235/7	Aucun
235ml (10:1) [213+22]	CBM 235A - CBM 235B - CBM 235C	Aucun
235ml (10:1) [Sulzer 213+22]	CBM 235A	Aucun
330ml (10:1) [300+30]	CBM 330B - CBA 330B	CBM 330A - CBA 330A
345ml (10:1) [314+31]	CBM 330A	CBA 330A

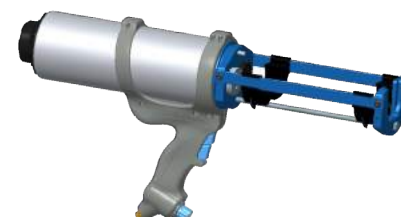


# TWO - COMPONENT RANGE

MIXPAC SERIE 200	MANUAL	ELECTRIC	PNEUMATIC
200ml Mixpac [1:1] [100+100]	VBM100 - VBM (MR/1) 200 - VBM (MR/1) 200X - TBM 100LV - Eclipse 200	Electraflow 2C 200 MR	VBA 100LP - VBA 100HP - VBA (MR/1) 200A - VBA (MR/1) 200B
200ml Mixpac [2:1] [140+70]	VBM (MR/2) 200 - VBM (MR/2) 200X	Electraflow 2C 200 MR	VBA (MR/2) 200A - VBA (MR/2) 200B
200ml Mixpac [4:1] [180+45]	VBM (MR/4) 200 - VBM (MR/4) 200X	Electraflow 2C 200 MR	VBA (MR/4) 200A - VBA (MR/4) 200B
200ml Mixpac [10:1] [225+22.5]	VBM (MR/10) 200 - VBM (MR/10) 200X	Electraflow 2C 200 MR	VBA (MR/10) 200A - VBA (MR/10) 200B

MIX PAC SERIE 400	MANUAL	ELECTRIC	PNEUMATIC
400ml Mixpac [1:1] [200+200]	VBM 200 - VBM 200X - VBM (MR/1) 400 - VBM (MR/1) 400X	Electraflow 2C 400 MR	VBA 200A - VBA 200B - VBA (MR/1) 400A - VBA (MR/1) 400B
400ml Mixpac [2:1] [270+135]	VBM (MR/2) 400 - VBM (MR/2) 400X	Electraflow 2C 400 MR	VBA (MR/2) 400A - VBA (MR/2) 400B
400ml Mixpac [4:1] [340+185]	VBM (MR/4) 400 - VBM (MR/4) 400X	Electraflow 2C 400 MR	VBA (MR/4) 400A - VBA (MR/4) 400B
400ml Mixpac 10:1 [450+45]	VBM (MR/4) 4000 - VBM (MR/4) 400X	Electraflow 2C 400 MR	VBA (MR/10) 400A - VBA (MR/10) 400B

CO - AXIALES CARTRIDGES	MANUAL	PNEUMATIC
[1:1] 43.5 mm	CCM 380/1 - CCM 380X/1	CCA 380A/1 - CCA 380B/1
[2:1] 36.5 mm	CCM 380/2 - CCM 380X/2	CCA 380A/2 CCA 380B/2
[3.5-5:1] 26.5-30.5 mm	CCM 380/3.5-5.5 - CCM 380X/3.5-5.5	CCA 380A/3.5-5.5 - CCA 380B/3.5-5.5
[10:1] 43.5 mm	CCM 380/10 - CCM 380X/10	CCA 380A/10 - CCA 380B/10



TO ORDER, PLEASE CALL +33 (0)1 39 62 40 92

## TWO - COMPONENT RANGE

TWIN CARTRIDGES	MANUAL	PNEUMATIC
50+50ml (1:1) PlasPak	Aucun	TBA 100LP/3 - TBA 100HP/3
75+75ml (1:1) PlasPak et Ritter	PPM 150LV - PPM 150	Aucun
100+50ml (2:1) PlasPak et Mixpac	TBM 100LV - TBM 100	TBA 100LP/2 - TBA 100HP/2
100+100ml (1:1)	TBM 100LV - TBM 100 - Eclipse 200	TBA 100LP/1 - TBA 100HP/1
150+75ml (2:1) PlasPak et Ritter	PPM 150LV - PPM 150	PPA 150LP/2 - PPA 150HP/2
150+150ml (1:1)	PPM 150LV - PPM 150	PPA 150LP/1 - PPA 150HP/1
200+20ml (10:1)	CBM 235	*
300+300ml (10:1) PlasPak/Ritter	PPM 330 - CBM 330B	*
300+75ml (4:1)	PPM 300	PPA 300A - PPA 300B/3
300+150ml (2:1)	PPM 300 - PPM 300X	PPA 300 A - PPA 300 B/2
300+300ml (1:1)	PPM 300 - PPM 300X - Eclipse 600	PPA 300A - PPA 300B/1
600+300ml (2:1) PlasPak	PPM 600X	PPA 600A
750+75ml (10:1) PlasPak	PPM 750X	PPA 750
750+150ml (5:1) PlasPak	Aucun	PPA 1500/3
750+300ml (2.5:1)	Aucun	PPA 1500/2
750+750ml (1:1)	Aucun	PPA 1500/1



## SPECIAL DISPENSING GUN

### Powerpush range

The PowerPush ® 7000 series is the most powerful two component gun in electric range.

The PowerPush 7000 features the patented DirectDrive ® system: speed control variable deposits, surge and anti-drip reminder for an efficient and accurate dispensing. The lightweight system offer you most confort for perfect dispense. It also has a quick charging system for a long battery life.

The PowerPush 7000 ® tools offer wireless convenience and fast charging system long life batteries. The PowerPush give you all the reliability, versatility and portability for your most complex projects.

### Powerpush



POWERPUSH 7000 MR



POWERPUSH 7000 MP

Specialized stun gun	Specialized stun gun
Cartridges 300 + 300ML	400ML cartridges
Speed control	Speed control
1: 1 ratio	Ratio 1: 1/2: 1/4: 1/10: 1
Anti-drip function	Anti-drip function

### Soloclamp range

Thanks to his experience, COX has become an expert in the design of standard models. It's results as an amount of classic and versatile products, which includes the PDS guarantee of quality, from the mainstream product line.

The manual applicators range Soloclamp perfectly suit your basic needs in term of dispensing.

COX society has long recognized the potential of its standard trigger mechanism. To meet your small application requirements, choose the applicator Soloclamp clips.

### Soloclamp








SOLOCLAMP 100



SOLOCLAMP 150

Manual applicator	Manual Applicator
Model 100mm	Model 150mm
Clamping force equivalent to 1667 N	Clamping force equivalent to 1667 N
Jaws plastic resin or metal	Jaws plastic resin or metal
Corrosion resistant sliding components	Corrosion resistant sliding components

VOLUMES AND CONVERSIONS

MM	V cc	Dots	MM	V cc	Dots
0.5	0.00003	.	7.6	0.116	
0.8	0.0001	.			
1.0	0.0003	.	8.9	0.184	
1.3	0.0005	.			
1.8	0.001	.	10.2	0.275	
2.3	0.003	.			
2.8	0.006	.	11.4	0.391	
3.3	0.009	.			
3.8	0.014	.	12.7	0.536	
4.3	0.021	.			
4.8	0.029	.			
5.6	0.046	.	19.1	1.210	
6.1	0.059	.			

MM	cc's	Line
0.5	0.00003	
0.8	0.0001	
1.0	0.0003	
1.3	0.0005	

VOLUME	
1 fluid ounces (fl oz)	29.57 cubic centimeters (cc)
1 gallon (gal)	3785 cubic centimeters (cc)
1 gallon (gal)	3.785 liters (L)
1 gallon (gal)	128 fluid ounces (fl oz)
1 liter (L)	0.264 gallons (gal)
1 liter (L)	1000 milliliters (mL)
1 cubic centimeter (cc)	1 milliliter (mL)
1 microliter (uL)	0,001 cubic centimeter (cc)
1 microliter (uL)	1000 nano liters (nL)
1 nano liter (nL)	0.000001 cubic centimeter
1 nano liter (nL)	1000 picoliters (pL)

PRESSURE	
1 psi	0,069 bar
1 psi	0,070 kgf/cm²
1 psi	6894,8 Pa
1 psi	27,68 in H2O@4°C

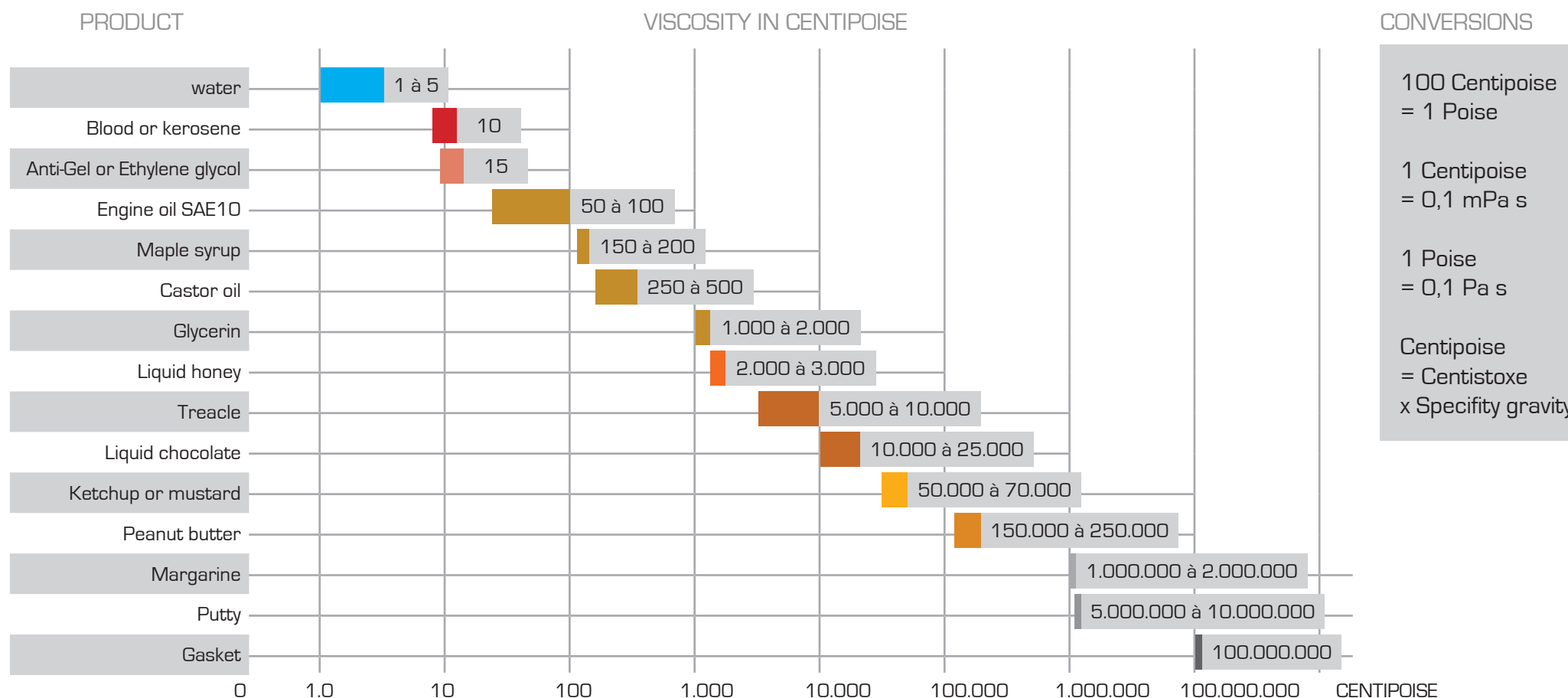
WEIGHT	
1 kilogram (kg)	1000 gram (g)
1 kilogram (kg)	2,2 livres (lb)
livre (lb)	16 onces (oz)
1 livre (lb)	453,6 gram (g)
1 once (oz)	28,35 gram (g)

MEASUREMENT	
1 micron (μ)	0,0000394 pouce (")
1 micron (μ)	0,001 millimeter (mm)
1 centimeter (cm)	10 millimeter (mm)
1 centimeter (cm)	10,000 microns (μ)
1 inch (")	2,54 centimeter (cm)
1 inch (")	25,4 millimeter (mm)
1 inch (")	30,48 centimeter (cm)
1 foot	91,44 centimeter (cm)
1 mile (mi)	1,6 kilometer(km)
1 mile (mi)	0,069 bar

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# PRODUCTS VISCOSITY

The properties of your product, such as his viscosity and his size, are essential elements in order to choose the most appropriate dispensing system for your application. Usually expressed in poise or centipoise (but also in other values), the viscosity is a measure of the internal resistance of a fluid to flow.



## MAIN FLUIDS TREATED BY PDS

Activator / Anaerobic / Coatings / Cyanoacrylate / Electrolytes / Epoxies / Gels / Greases / Solder Pastes / Solvent / UV Products / White Glue / Lubricants / Oils / Marking Inks / RTV and gaskets

For worldwide technical and sales support, please contact PDS or visit :  
[www.polydispensing.com/contact-us](http://www.polydispensing.com/contact-us)

## NOTES



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The fluid dispensing being the cornerstone of numerous production chains, PDS emphasis on this specific need by proposing a wide range of innovative and efficient dispensing equipments.

French leader on this area, it specialty is to design and implement solutions to put down and dispense every type of fluid in an accurate and repeatable way during the process of assembly. Thanks to it vast field of activity and application, no doubt that PDS will know how to resolve your most complex problems of deposit and brings you the suited recommendations to optimize your production's capacities.

Persuaded that our expertise must be complete, we also supply you tools in order to prepare your fluid (mixture and degassing) and polymerize your glues (UV sunstroke). Our range of consumables (needles, syringes, static mixers etc are also considered as the best in the market.

So we provide you every type of dispensing equipments to allow you to use efficiently your fluids regardless of the viscosity : glues, greases, lubricants, pastes, solvents, silicones, inks, activators, RTV, paints.

Present in more than 20 countries in the world, performance, quality, service and technology are at the center of all our concerns.