



**DOSING
CARE**[®]

an All Care brand

Quality dispensing solutions
Dilution and dosing systems





**DOSING
CARE**

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All Care The Netherlands

DC1

Dosing Care's chemical concentrate dispensers ensure cost-effective, safe use of chemicals. Our award-winning dispensers provide a safe platform to dilute chemicals accurately at point of use. The units do not require any plumbing or electronic connections making them easy to install with minimal maintenance. The perfect partner for chemical cleaners and detergents, our dispensers deliver the right amount of product safely into sinks, buckets and bottles – reducing waste, respecting the environment and ensuring optimum safety.

DC1

The DC1 is a push-operated pump that is designed to deliver detergent directly from a product container into a commercial kitchen sink. It features a fixed 30ml dose and a 125mm non-drip aluminium outlet spout. A longer, 300mm spout is available that can swivel between two sinks allowing the use of a single pump. The DC1 is ideally suited for use with the Dosing Care 'off-floor' system providing neat installation. This system is designed for containers up to 10 litres, it has a durable bracket, adjustable tube holder and stainless steel hook to suit industry standard containers.



TECHNICAL SPECIFICATIONS

Suitability

manual dishwash detergents

Capacity

product drawn from bulk drum or bottle hanging system (optional)

Pump

acetal pump with nitrile seals and 30ml shot size. viton seals, 10ml or 20ml shot sizes available on request

Dimensions (mm)

H80 x W110 x D120 label (max) - 25mm diameter

Weight (approx.)

0.55kg

“Keeping chemical containers ‘off-the-floor’ prevents accidents and spillage. This practice also facilitates easier floor maintenance.”



DC Smart

The DC Smart is a manual dosing system. It will deliver an accurate dose of chemical in to a sink, bucket or spray bottle. You can adjust the volume of chemical you wish to dispense using a shot selection key located on the side of the panel. The chemical can be sourced from any size container and an off-the-floor hanging bracket can also be provided. The units can be colour coded to match your brand or to suit your environment. Your logo can also be printed on the dispenser.

This dispenser is sited by or over a sink in order that the delivery spout dispenses directly into the sink or bowl. An optional extension piece, which adds 125mm to the length of the spout, is available to enable it to swivel between two sinks.

TECHNICAL SPECIFICATIONS

Suitability

concentrated chemicals and detergents up to 150cpi viscosity (sink fill - 300cpi)

bottle fill - bottle height 145 - 265mm
(delivery outlet should be visible to user)

Capacity

product drawn from bulk drum or bottle hanging system if included

Pump

polypropylene pump with polypropylene and PTFE seals, chlorine resistant springs

adjustable shot size 10ml, 15ml, 20ml, 25ml, 30ml

Operation

pull/push operated with self locking side panels (key supplied)

additional key for shot adjustment

Colour

white side panels as standard, alternative colours available on request

blue, green, grey, red and yellow (subject to quantity)

Dimensions (mm)

H200 x W110 x D100

logo (max) - H30 x W40 label (max) - H49 x W39

Weight (approx.)

1.25kg

This dispenser has an extension tube to enable the dispensed concentrated product to flow directly into a bucket of water.



This dispenser has a purpose-built adjustable shelf for holding the bottle in place while it dispenses the correct measure of concentrated product into a water-filled spray bottle.





DC Concept

DC Concept Dispensing System

The DC Concept is a manual dilution system designed for the professional hygiene industry. The DC Concept dilutes highly concentrated cleaning chemicals into a sink, a bucket or a spray bottle. It is used with a multitude of chemicals such as surface cleaners, washing up detergent, air fresheners, or floor maintainers. Chemicals are accurately diluted at point of use, providing an economic, safe and reliable solution for managing chemical usage. You can choose to dilute from either a 2L container or a 1.5L pouch to suit your stock and distribution. The raw materials are kept safely locked away inside the DC Concept, eradicating the risk of direct contact between untrained staff and chemicals. It also functions with an initiation feature, which limits the use of the system to the trained cleaning staff only. Once initiated you simply pull the lever up and down to obtain the shot of chemical. Once used, the dispenser cannot function again for a delay of 15 seconds, until the green indicator returns. This avoids harmful and expensive over-dosing. Delivering a precise dosage of chemical, the DC Concept is an effective dilution system which meets your hygiene requirements in a safe, cost-efficient and ecological way.

Greener transport

While traditional ready-to-use chemicals need large storage facilities, pouches of concentrated solution require minimal space. Typically, a whole pallet of spray bottles would shrink to a box of 6 pouches. As well as saving space, this helps reduce freight costs and your carbon footprint. For example: Set to a standard 20ml shot, the DC Concept dilutes a pouch of concentrated chemical into 75 spray bottles. This, coupled with the re-use of a single spray bottle, eliminates unnecessary packaging waste. Controlling the use of chemicals through the DC Concept avoids incorrect dilution and ensures that you only dose what you need.



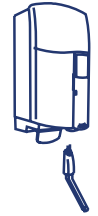
For sinks



For spray bottles



For buckets



TECHNICAL SPECIFICATIONS

Suitability

concentrated chemicals and detergents up to 150cpi viscosity
(sink fill - 300cpi)

bottle fill - bottle height 140 - 260mm (extendible to 290mm on request)

bucket fill - installation height (delivery tube length) 1100mm max

Capacity

standard - available space for container - H260 x W100 x D130

pouch version - 1500ml Brightwell pouch (exclusivity system available)

Pump

polypropylene pump with polypropylene and PTFE seals, chlorine resistant springs

adjustable shot size 5ml (not bucket), 10ml, 15ml, 20ml

Operation

pull/push operated with adjustable delay mechanism (approx 10, 20 or 30 secs)

self-locking cover (key supplied), additional key for delay over-ride

bottle fill - automatic system enable on engagement of bottle

Dimensions (mm)

H340 x W170 x D150

Weight (approx.)

bottle and sink fill - 1.25kg

bucket fill - 1.45kg

DC Mix and DC Shot

A range of chemical dosing and diluting systems designed for the professional hygiene industry. DC Mix is a proportionner. Connected to mains water, it creates a vacuum and dilutes a pre-determined ratio of chemical into a final solution, ready to use. DC Shot is a manual dosing system, dosing a specific volume or shot of concentrated chemical into a spray bottle, a bucket or a sink.

Although different systems, DC Mix and DC Shot provide an efficient, flexible onsite system, both enabling the end customer to create ready-to-use chemicals, from concentrates. Sharing the same innovative features, both systems offer a one-stop cleaning station thanks to their flexibility, reliability and easy maintenance.

HOW DO YOU KNOW WHICH SYSTEM TO USE?

Both DC Mix and DC Shot have environments for which they are most suited. The main benefit of using this range of equipment is that you can survey a site to easily identify which system to use.



HELP REDUCE YOUR CARBON FOOTPRINT

Diluting chemicals at the point of use and sourcing water locally minimises transport costs and carbon emissions. Precise dosing measurements minimise chemical wastage, providing cost-in-use benefits. Re-using the same trigger spray bottle reduces waste packaging.



	DC Mix	DC Shot
Installation	<i>Requires mains water connection with pressure between 1.5 and 5 bar (20 and 70 PSI)</i>	<i>Simple to install with minimal tools</i>
Setting chemical dosage	<i>Set during installation according to the environment</i>	<i>Consistently accurate regardless of the environment</i>
Precision	<i>Accurate dilution regardless of bottle or bucket size</i>	<i>Precise dilution requires consistent measurement by the operator</i>
Operation	<i>Simple push button with lock-on feature for the filling of larger receptacles</i>	<i>Push button with initiation feature prevents misdosing. Delay mechanism avoids over-dosing. Training required</i>
Maintenance	<i>Dilution rates and filters should be checked/maintained according to the environment and usage</i>	<i>No regular maintenance required, spare parts available if abused</i>
Variations	<i>Low-flow 4L/min High-flow 14L/min</i>	<i>Sink, spray bottle or bucket version</i>



DC Mix

DILUTION SYSTEM, PROPORTIONNER

- Creates a vacuum and dilutes a pre-determined ratio of chemical into a final solution, ready to use.
- Dilution ring: The dilution ratio on the DC Mix is set with a dilution ring. The flexibility of this ring lies in its concept, enabling easily interchangeable dilution ratios without the use of any tool.
- Simple push operation, with optional lock-on facility for the filling of larger receptacles.
- 2 versions: Low-flow (4L/min) and High-flow (14L/min).

VERSATILE

Offer a range which will suit any environment requirements: High chemical usage, low water pressure, high staff turnover, limited maintenance opportunities...

FLEXIBLE

Choose to draw chemical from any sized container. Options include: hanging brackets to support up to 10L containers or a multipurpose chemical cabinet to lock in your chemicals. The cabinet fits with both DC Mix and DC Shot.

PRACTICAL

Source all your equipment from one single proficient supplier, using one universal chemical packaging format: minimise your stock, simplify logistics and streamline your production.

INDEPENDENT

Completely independent from any chemical offer: Dispense your own chemicals, or source the chemicals of your choice from your preferred manufacturer.

INSTALLED IN MINUTES

Both DC Mix and DC Shot systems are installed within minutes thanks to their userfriendly, ergonomic and versatile design. With a quick adjustment, water and chemical inlets can be fitted either side of the unit, to best suit the final environment.

EXCLUSIVE

Own the dispenser: Make the most of Dosing Care's internal branding facility to promote the equipment in your name. DC Mix and DC Shot can also be locked to your chemicals.

DC Shot

MANUAL DOSING SYSTEM

- Simple operation: twist and push.
- Dosing ring: To set a dose on DC Shot, simply turn the green ring to the matching dosage indicator. This system offers you an infinity of dosing shots between 5ml and 30ml to suit your chemical requirements.
- Built-in, flexible delay function: the unit will not function again until the green indicator has fully returned, avoiding harmful and costly misdosing.
- 3 versions: sink, spray bottle and bucket.





	DC Mix	DC Shot
Suitability	<i>Concentrated chemicals</i>	<i>Concentrated chemicals (bottle/ bucket max. 150CPI, sink 300 CPI)</i>
Installation	<i>Optimal performance with water pressure between 1.5bar and 5bar. Modular components for easy installation</i>	<i>Bottle height 144mm – 288mm</i>
Operation features	<i>Adjustable dilution ring, easy to maintain</i>	<i>Manual dose of a concentrated chemical in to a sink, a spray bottle or a bucket. Twist initiation (patented). Adjustable dose between 5ml and 30ml (patented)</i>
Capacity	<i>Suction from any sized container. Hanging bracket available: 5-10L. Cabinet available</i>	<i>Suction from any sized container. Hanging bracket available: 5-10L. Cabinet available</i>
Dilution rate/Dosage	<i>Low flow: 2:1 – 190:1 High flow: 5:1 – 500:1</i>	<i>Illimited choice between 5ml and 30ml, adjustable dose</i>
Colour options	<i>Cover ring: grey as standard available in blue, green, red, black, yellow</i>	<i>Cover ring: grey as standard available in blue, green, red, black, yellow</i>
Dimensions (mm)	<i>H 350 x W 92 x D 95 (max. depth 125 button)</i>	<i>H 220 x W 120 x D 100 (max. depth 150 button)</i>
Weight	<i>0.7kg</i>	<i>0.51kg</i>
Branding option	<i>YES</i>	<i>YES</i>

	CABINET
Capacity	<i>1.5L pouch or 2.5L container. Exclusivity option on pouch system (pin positions)</i>
Colour options	<i>Cabinet ring: grey as standard, available in blue, green, red, black, yellow</i>
Dimensions (mm)	<i>H 330 x W 170 x D 165</i>
Weight	<i>0.59kg</i>
Branding option	<i>YES</i>





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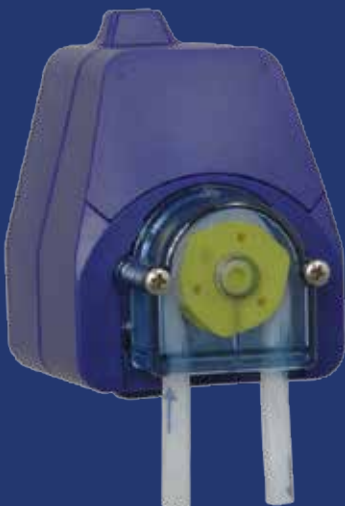
Dishwash Dosing System

Commercial-quality dishwashers need durable, hardworking chemical dosing systems to perform at their best. That's why customers all over the world choose quality systems to automate their dishwasher chemicals. All Care dosing systems fit a huge variety of commercial dishwashers - including single-tank washers, tunnel washers, conveyor dishwashers and glass washers.

DC Logic MicroPlus II

The Microplus II doses a single chemical for a variety of applications, with one of the most popular uses being the delivery of detergent or rinse aid into small glasswashers and dishwashers.

The unit is neat, compact and very simple to install. It is available in three configurations; Speed, timed or probe.



- 1 Timed Unit**
Time controlled top up charge and initial charge
- 2 Speed Unit**
Speed controlled continuous or cyclic operation
- 3 Probe unit**
Conductivity controlled dosing

INSTALLATION KITS



Tank injector



Non return valve



Tubing



Weight + Filter

A range of accessories can be provided to aid installations and create a professional dosing system.



DC Logic D1

For dosing two products into single-tank and single-cycle dishwashers, including under-counter washers and small glass washers, choose the new DC Logic D1.

- New 'quick-set-up' feature means the D1 can be installed in minutes
- One unit for Time/signal mode, conductivity mode and cyclic mode.
- Brushless motors ensure maximum return on your investment
- Engineers test screen that shows if signals are connected

- Tubing is available in BrightChem, Silicone or Norprene
- 100v - 240v AC/DC power supply
- 12v - 240v AC/DC signal acceptance
- Detergent flow rate: Max. 285ml/min - Min. 38ml/min
- Rinse flow rate: Max. 80ml/min - Min. 10ml/min

Depending on the viscosity of the chemicals.

INSTALLATION KITS

PVC Detergent tube

Nylon rinse tube

Non-return-valve

Tank injector

Weight and filter

Accessories

10 litre chemical suction lance

Conductive probe

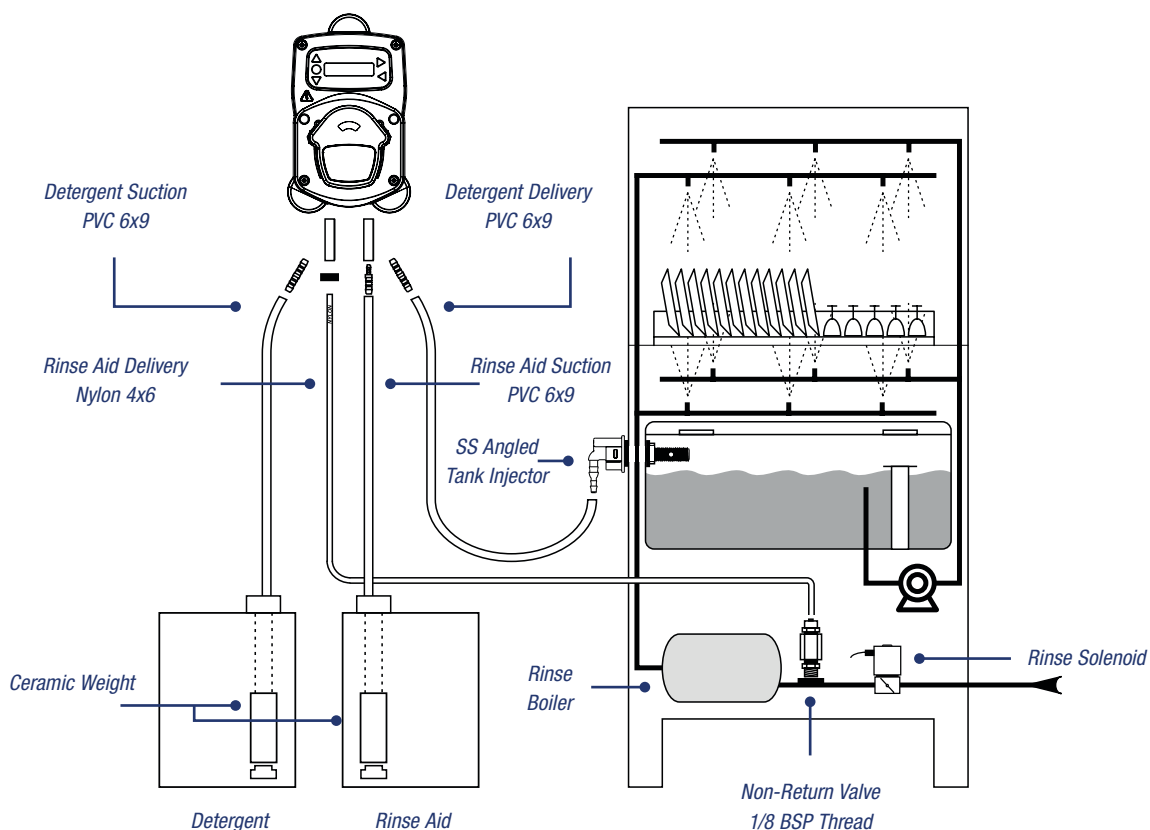
Inductive probe



Conductive probe



Inductive probe



DC Logic D2



For tunnel, conveyor or Flight machines, choose the DC Logic D2 - part of the Dosing Care series of highly durable, easy- to-use dosing systems.

- Suitable for tunnel, conveyor or Flight machines
- Third pump option available, for use of a sanitiser
- Solenoid version available for connection to a powder hopper
- Run in cyclic mode with inductive, or conductive probes
- Engineer's test screen that shows if signals are connected
- Tubing is available in BrightChem, Silicone or Norprene

- 100v - 240v AC/DC power supply
- 12v - 240v AC/DC signal acceptance
- Detergent flow rate: Max. 285ml/min - Min. 38ml/min
- Rinse flow rate: Max. 35ml/min - Min. 3.5ml/min
- IP rating: IP45

Depending on the viscosity of the chemicals.

INSTALLATION KITS

PVC Detergent tube

Nylon rinse tube

Non-return-valve

Tank injector

Weight and filter

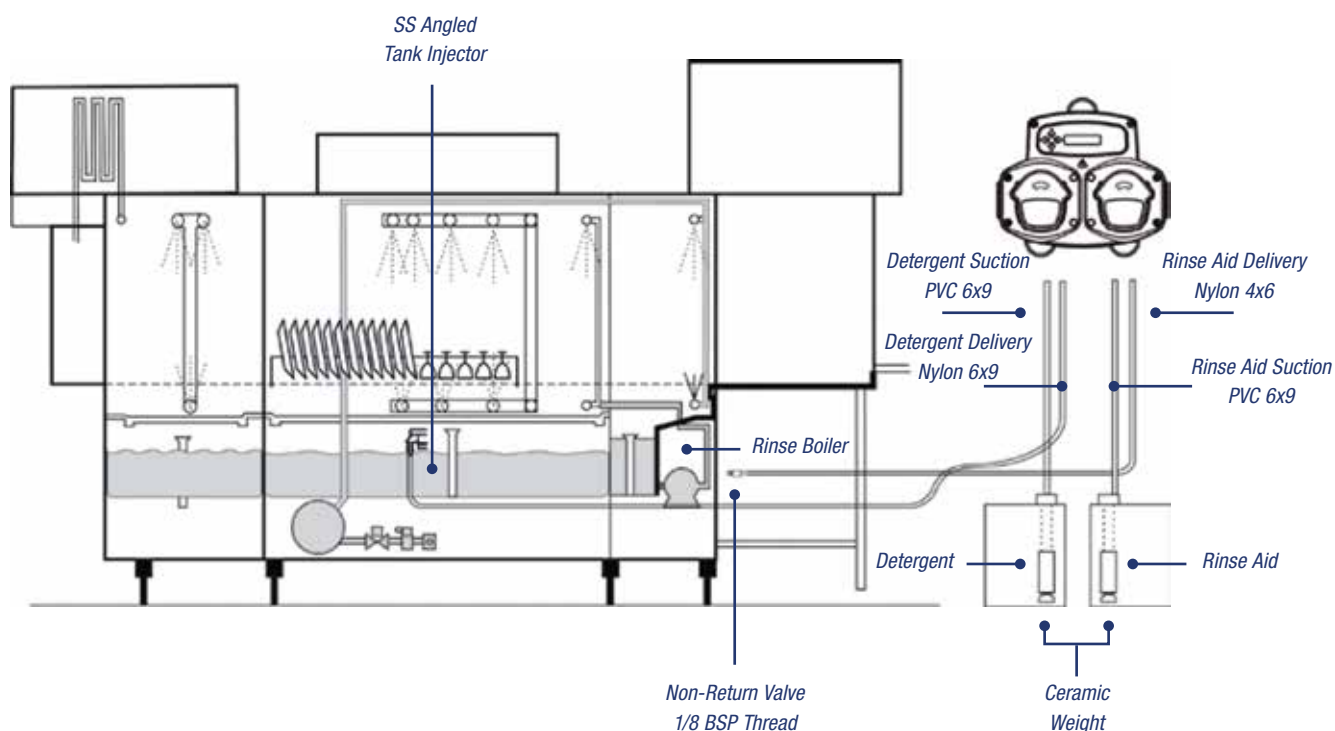
Accessories

10 litre chemical suction lance

Conductive probe

Inductive probe

Additional pump module





DC Logic IP

Standard Dosing System Features Include

- *Access codes for added security*
- *Enhanced multi-level programming*
- *Multilingual support*
- *Option for brand promotion on wall-mounted enclosures*

Ideal for crate or bottle washing, the industrial process range from All Care brings you all the features from the D2, with a higher flowrate.

You can choose a combination of up to three high-flow or low-flow pumps, the first pump is always high-flow.

- Brushless motors ensure maximum return on your investment
- Turn off prime and pump stop facility
- Engineer's test screen that shows if signals are connected
- Volt free switch contacts
- 100v - 240v AC/DC power supply
- 12v - 240v AC/DC signal acceptance
- Detergent flow rate: Max. 870ml/min - Min. 285ml/min
- Rinse flow rate: Max. 35ml/min - Min. 3.5ml/min
- IP rating: IP45

Depending on the viscosity of the chemicals.



Brand promotion



Conductive probe



Inductive probe

ACCESSORIES

Tubing

Peristaltic pump tube is critical to the performance of any dosing system. Brightwell have vast experience in this field and have worked closely with customers to provide the best solution. All Brightlogic tubes are fitted with barbed connectors and quick couplings are available. Brightwell provide the following tube options:

Brightchem

This is a co-extruded double strength tube that is super resistant to chemical attack. The inner lining will provide you with a safe system they will not cause the tube to split and leak chemical. Tube Life High and flow rate Medium.

Grey Silicone

A tube that provides the highest flow rate and will be compatible with most standard detergents. Tube life medium and flow rate high

Norprene

A premium tube that has high compatibility with most rinse aids. Tube life high and flow rate medium.

Suction lance

The suction lance from Brightwell allows you to safely manage your chemical usage. When connected to the dosing system it will sound a buzzer when the chemical reaches a critically low level.

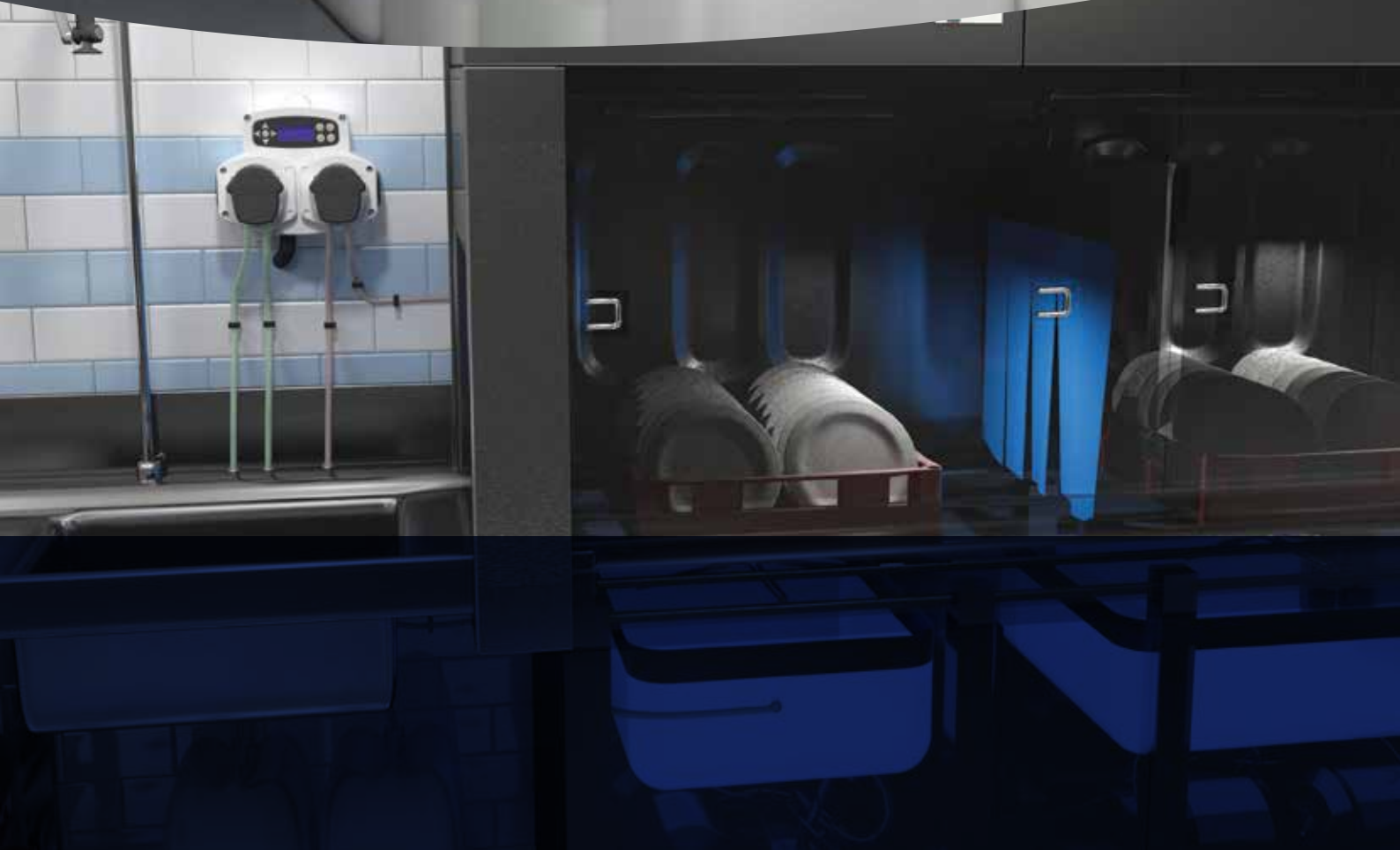


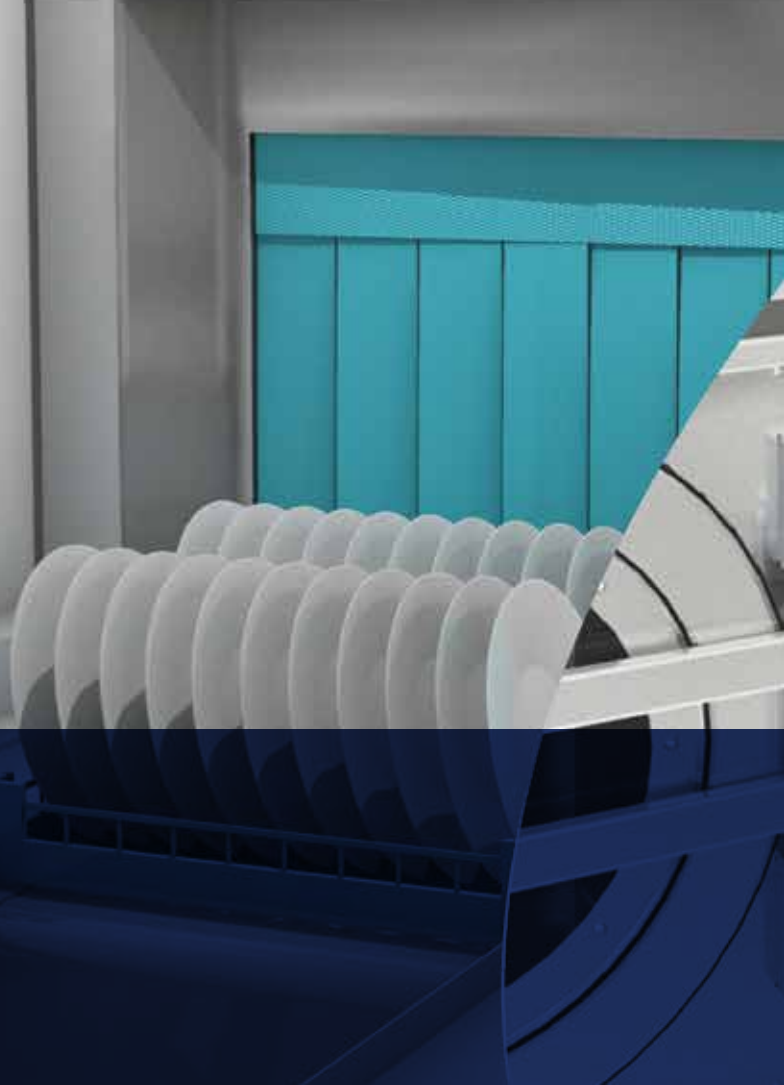
	No of chemicals	Flow Rate (max)	Power	Signals	IP Rating
MicroPlus Timed	1	Max 100ml/min Minimum 35ml/min	230V version or 24V version	N/A	IP55
MicroPlus Speed	1	Max 40ml/min Minimum 12ml/min	230V version or 24V version	N/A	IP55
DC Logic D1	2 (alternate)	Detergent: 285 - 38ml/min Rinse: 80 – 10ml/min	100 - 240V AC/DC	12-240V AC/DC	IP44
DC Logic D2	2 (simultaneous)	Detergent: 285 - 38ml/min Rinse: 35 – 3.5ml/min	100 - 240V AC/DC	12-240V AC/DC	IP45
DC Logic IP	1-3	Max 870ml/min Minimum 35ml/min	100 - 240V AC/DC	12-240V AC/DC	IP45

Flow rate depending on the viscosity of the chemicals.













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