

BRIGHTWELL



PRODUCT CATALOGUE

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Chemical Dilution

Safety and precision with our chemical dilution solutions.

Our chemical dilution systems provide the highest cleaning and hygiene standards, while being safe, accurate and easy to use.

- Dispense up to 6 chemicals in high (14L/min) and low (4L/min) flow applications
- For use with spray bottles, buckets, sinks and other cleaning containers
- EcoMix and EcoMulti proportioners are developed with patented dilution pin technology
- The accurate dosing offered by EcoShot makes it the recommended dosing system for use when sanitising



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Technologies

Using patented technologies and the latest in flexible design, Brightwell has created an ergonomically designed and cost-effective range, packed with features to meet your needs.



Dilution pin
Our precise patented dilution pin eliminates the need for cumbersome metering tips. The revolutionary wheel design enables you to select up to 13 distinct dilution ratios per chemical. Available in standard (white), PVDF (yellow) for more aggressive chemicals and ultra dilution (red).



Dosing ring
Exclusive to the EcoShot our patented dosing ring offers the option to dose shots of chemical between 5ml and 30ml. Dosing requirements are adjusted by simply turning the green ring to the matching dosage indicator.



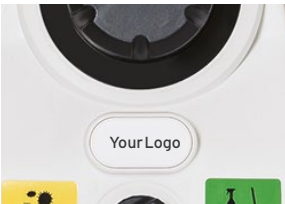
Flexible design
Our range has been designed with flexibility in mind. Parts and accessories are interchangeable across the range and chemical cabinets can be installed on either side of the dispenser to keep chemicals safe and secure. All proportioner systems are available with BrightGap and AirGap backflow preventers.



Proprietary pin position
Protect your equipment investment with our exclusive pin positioning service. Unique pin positions lock the chemical cabinet to your chemical packaging, preventing competitor packaging from being used with your dispenser.



High-flow operations
For speedy filling of larger containers, our proportioners are designed with an optional lock-on function suitable for high flow applications. Simply push and twist the button once to activate and push again to deactivate when finished.



Customised dispenser design, manufacturing and branding
We offer our customers a unique dispenser design and manufacturing service, please get in touch for further information.

You can personalise the front cover plaque with your company logo using our branding service. Alternatively, use multi-coloured dispenser rings to complement your corporate colours.*

*MOQ's apply

EcoMini

Brightwell's EcoMini is a push-operated pump designed to deliver detergent directly from a product container into a commercial kitchen sink. It features a fixed 30ml dose and a 125mm outlet spout. A longer, 300mm spout is also available that can swivel between two sinks. This easily mounted pump requires minimal set up and is available with a non-drip aluminium or stainless steel spout.

125mm spout version

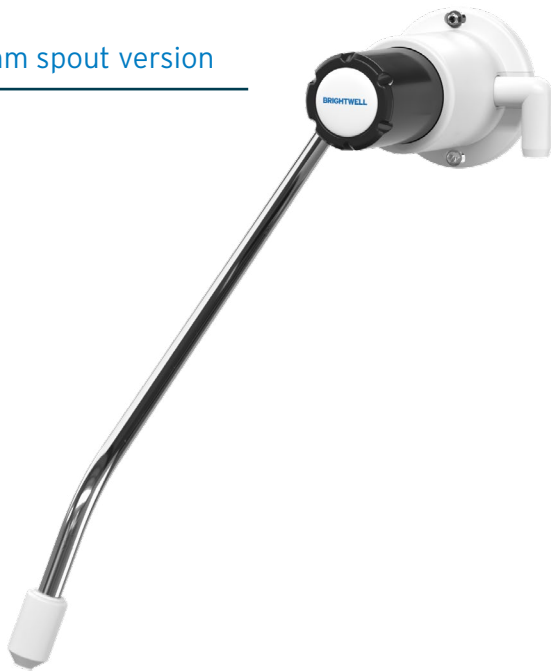


KEY FEATURES

- Material**
- Standard version: Aluminium & EPDM
 - Premium version: Stainless steel and Viton

- Flexible**
- Available with a 125mm or 300mm spout in either aluminium or stainless steel materials

300mm spout version



Technical specifications

Application	For use with manual dishwash detergents in commercial kitchen sinks
Operation	Simple push operation
Installation	Easy to set up wall-mounted dispenser, available with a non-drip aluminium or stainless steel spout
Capacity	Product from a bulk drum or bottle hanging system (optional)
Branding	As standard the dispensers will arrive with an EcoMini branded label. Bespoke labels can be ordered separately in packs of 100, or fitted onto the product during manufacture*
Dimensions and weight (H x W x D approx.)	78mm (without spout) x 108mm x 126mm Weight: 0.55kg

*MOQ's apply

EcoShot

1 chemical

EcoShot is a manual stand-alone chemical dispensing system that does not require a mains water connection, perfect for environments with fluctuating water pressure. Ideal for dispensing into bottles, buckets or sinks.



KEY FEATURES

- Accuracy**
- Optional built-in delay function to prevent overdosing once a shot of chemical has been dosed

- Safety**
- Accidental activation is avoided as the optional twist and push operation ensures that the push button has to be twisted then pushed firmly before dosing a shot of chemical



Technical specifications

Application	For use with dishwash and cleaning detergents
Dosing Range	Shot between 5ml and 30ml of chemical
Operation	Push-button with optional twist activation and delay mechanism to prevent overdosing
Capacity	Suction from any sized container. Cabinet available for 2L container, 1.5L pouch or 5L canister
Branding	The dispenser can be branded with your company name or logo*
Colours	Cover ring: grey as standard. Also available in blue, green, red and yellow
Dimensions and weight (H x W x D approx.)	220mm x 120mm x 125mm Height for spray bottle: 144 - 288mm Weight: 0.5kg

*MOQ's apply

EcoMix Standard

1 chemical

EcoMix proportioners provide an economical and flexible way of diluting chemicals on-site. Suitable for high and low flow applications, these proportioners are connected to the water mains and dilute a pre-determined ratio of chemical concentrates. The EcoMix Standard is a one chemical dispenser and is designed in accordance with European standard EN1717.



EcoMix Standard
1 chemical

- A stylish chemical dispenser enabling you to select up to 13 specific dilution ratios in either high flow or low flow applications
- Available as a high flow version and low flow version

KEY FEATURES

Design

- Flexible configuration enabling chemical concentrates to be conveniently drawn from side or bottom inlets
- Venturi system

Accuracy

- Patented dilution technology offers precise dilution ratios

Safety

- Secure chemical cabinets can be installed on either side of the dispenser to control access to hazardous chemicals and prevent tampering

i Includes backflow prevention*



Technical specifications

Application	Flexible design makes EcoMix ideal for environments such as cleaning and maintenance cupboards and industrial kitchens
Operation	Intuitive push and dial operation. High flow operation for filling larger containers or low flow version for filling bottles
Installation	Working temperature range 4-65°C. Working pressure range 2-5 bar Minimum water flow required: High flow = 8.5L/min. Low flow = 3.5L/min
Flow rates*	Low flow version 2:1 to 128:1 (4L/min) High flow version 6:1 to 350:1 (14L/min)
Dilution	Select up to 13 independent dilution ratios per chemical
Capacity	1 chemical dispenser. Suction from any sized container. Cabinet available for 2L container, 1.5L pouch, 5L canister
Colours	Cover ring: grey as standard. Also available in blue, green, red and yellow
Branding	The dispensers can be branded with your company name or logo**
Dimensions and weight (H x W x D approx.)	350mm x 92mm x 125mm Weight: 0.7kg

*Flow rates are subject to environmental and onsite conditions
**MOQ's apply

EcoMix Compact

1 chemical and 2 chemical

EcoMix proportioners provide an economical and flexible way of diluting chemicals on-site. Suitable for high and low flow applications, these proportioners are connected to the water mains and dilute a pre-determined ratio of chemical concentrates into a ready-to-use solution. EcoMix Compact is available as a one or two chemical dispenser.



EcoMix Compact
1 chemical

- A compact dispenser enabling you to select up to 13 specific dilution ratios in either high flow or low flow applications
- Available as a high flow version and low flow version



EcoMix Compact
2 chemical

- Dilute up to two chemicals each with 13 specific dilution ratios. The dispenser includes two separate proportioners making it ideal for mixing high and low flow applications
- Available as a high flow version and low flow version

KEY FEATURES

Design

- Flexible configuration enabling chemical concentrates to be conveniently drawn from side or bottom inlets
- Venturi system

Accuracy

- Patented dilution technology offers precise dilution ratios
- Easy-to-use system with clearly identifiable colour-coding for the 2 chemical dispenser to promote correct chemical selection and usage

Safety

- Secure chemical cabinets can be installed on either side of the dispenser to control access to hazardous chemicals and prevent tampering

i Includes backflow prevention*

Technical specifications

Application	Flexible design and colour-coded pictograms make EcoMix ideal for environments such as cleaning and maintenance cupboards and industrial kitchens	
Operation	Intuitive dial and push operation. High flow operation for filling larger containers	
Installation	Working temperature range 4-65°C. Working pressure range 2-5 bar Minimum water flow required: High flow = 8.5L/min. Low flow = 3.5L/min	
Flow rates*	1 + 2 chemical dispenser Low flow 2:1 to 128:1 (4L/min) High flow 6:1 to 350:1 (14L/min)	
Dilution	Select up to 13 independent dilution ratios per chemical	
Capacity	1 or 2 chemical dispenser. Suction from any sized container. Cabinet available for 2L container, 1.5L pouch, 5L canister	
Colours	Cover ring: grey as standard. Also available in blue, green, red and yellow	
Branding	The dispensers can be branded with your company name or logo** Colour-coded, multi-lingual pictograms come with EcoMix Compact and 2 chemical dispenser as standard	
Dimensions and weight (H x W x D approx.)	1 chemical dispenser	220mm x 95mm x 125mm, Weight: 0.7kg
	2 chemical dispenser	271mm x 211mm x 132mm, Weight: 1kg

*Flow rates are subject to environmental and onsite conditions
**MOQ's apply

EcoMulti Standard

4 chemical

EcoMulti proportioners offer a reliable and cost-effective way of diluting four chemicals from one dispenser. Connected to the water mains, the flexible design makes these proportioners the ideal solution for even the smallest cleaning environments. The EcoMulti Standard is a four chemical dispenser and is designed in accordance with European Standard EN1717. This venturi system is available for high flow (14L/min) and low flow (4L/min) applications.



EcoMulti Standard
4 chemical

- Dilute up to four separate chemicals with 13 specific dilution ratios in either high flow or low flow applications
- Available as a high flow version and low flow version

KEY FEATURES

Design

- Flexible configuration enabling chemical concentrates to be conveniently drawn from side or bottom inlets
- Venturi system

Accuracy

- Patented dilution technology offers precise dilution ratios
- Intuitive 4 dial product selector with haptic click to avoid chemical selection error

Safety

- Secure chemical cabinets can be installed on either side of the dispenser to control access to hazardous chemicals and prevent tampering

i

Includes backflow prevention*

Technical specifications

Application	Flexible design and colour-coded pictograms make EcoMulti ideal for environments such as cleaning and maintenance cupboards and industrial kitchens
Operation	Intuitive dial and push operation. Simply turn the dial to select chemical and push button to activate dilution
Installation	Working temperature range 4-65°C. Working pressure range 2-5 bar Minimum water flow required: High flow = 8.5L/min. Low flow = 3.5L/min
Flow rates*	Low flow version 2:1 to 128:1 (4L/min) High flow version 6:1 to 350:1 (14L/min)
Dilution	Select up to 13 independent dilution ratios per chemical
Capacity	4 chemical dispenser. Suction from any sized container. Cabinet available for 2L container or 1.5L pouch
Colours	Cover ring: grey as standard. Also available in blue, green, red and yellow
branding	The dispensers can be branded with your company name or logo** Colour-coded, multi-lingual pictograms are included as standard
Dimensions and weight (H x W x D approx.)	396mm x 147mm x 134mm Weight: 1kg

*Flow rates are subject to environmental and onsite conditions
**MOQ's apply

EcoMulti Compact

4 chemical and 5 chemical

EcoMulti proportioners offer a reliable and cost-effective way of diluting multiple chemicals from one dispenser. Connected to the water mains, the flexible design makes these proportioners the ideal solution for even the smallest cleaning environments. EcoMulti Compact is available as a four or five chemical dispenser.



EcoMulti Compact
4 chemical

- Dilute up to four separate chemicals with 13 specific dilution ratios in either high flow or low flow applications
- Available as a high flow version and low flow version



EcoMulti Compact
5 chemical

- Dilute up to five chemicals each with 13 specific dilution ratios. The dispenser includes two separate proportioners making it ideal for mixing high and low flow applications
- Available as a high flow version and low flow version

i

Includes backflow prevention*

Technical specifications

Application	Flexible design and colour-coded pictograms make EcoMulti ideal for environments such as cleaning and maintenance cupboards and industrial kitchens	
Operation	Intuitive dial and push operation. Simply turn dial to select chemical and push button to activate dilution	
Installation	Working temperature range 4-65°C. Working pressure range 2-5 bar Minimum water flow required: High flow = 8.5L/min. Low flow = 3.5L/min	
Flow rates*	Low flow 2:1 to 128:1 (4L/min) High flow 6:1 to 350:1 (14L/min)	
Dilution	Select up to 13 independent dilution ratios per chemical	
Capacity	4 or 5 chemical dispenser. Suction from any sized container. Cabinet available for 2L container, 1.5L pouch, 5L canister	
Colours	Cover ring: grey as standard. Also available in blue, green, red and yellow	
Branding	The dispensers can be branded with your company name or logo** Colour-coded, multi-lingual pictograms come with EcoMulti Compact 4 and 5 chemical dispenser as standard	
Dimensions and weight (H x W x D approx.)	4 chemical dispenser	264mm x 140mm x 134mm, Weight: 1kg
	5 chemical dispenser	271mm x 211mm x 134mm, Weight: 1.3kg

*Flow rates are subject to environmental and onsite conditions
**MOQ's apply

KEY FEATURES

Design

- Flexible configuration enabling chemical concentrates to be conveniently drawn from side or bottom inlets
- Venturi system

Accuracy

- Patented dilution technology offers precise dilution ratios
- Intuitive 4 dial product selector with haptic click to avoid chemical selection error

Safety

- Secure chemical cabinets can be installed on either side of the dispenser to control access to hazardous chemicals and prevent tampering

EcoMulti Compact

6 chemical

EcoMulti is a venturi system that can dilute up to 6 chemicals from one dispenser. Ideal for use with spray bottles, buckets or scrubber dryers, the system is designed with two separate proportioners making it suitable for combining high flow (14L/min) and low flow (4L/min) applications.



KEY FEATURES

Design

- Flexible configuration enabling chemical concentrates to be conveniently drawn from side or bottom inlets
- Venturi system

Accuracy

- Patented dilution technology offers precise dilution ratios
- Intuitive 4 dial product selector with haptic click to avoid chemical selection error

Safety

- Secure chemical cabinets can be installed on either side of the dispenser to control access to hazardous chemicals and prevent tampering

Technical specifications

Installation	Working temperature range 4 - 65° C
	Working pressure range 2 - 5 bar
	Minimum water flow required:
	High flow = 8.5L/min
	Low flow = 3.5L/min
Dilution	13 independent dilution ratios
	High Flow 6:1 - 350:1
	Low Flow 2:1 - 128:1
Material	Cover/Backplate/Dial Selector:
	Glass Bead Polypropylene (GBPP)
	Proportioner Pusher: ABS
	Internal tubing and seals: EPDM
Colours	Cover ring: grey as standard. Also available in blue, green, red and yellow
Branding	The dispensers can be branded with your company name or logo*
	Colour-coded, multi-lingual pictograms come with EcoMulti Compact 4 and 5 chemical dispenser as standard
Dimensions and weight (H x W x D approx.)	271 x 211 x 134
	Weight: 1.5 kg

EcoSink

1 chemical and 2 chemical

EcoSink is a robust, venturi system designed to dispense up to two chemicals into three-compartment sinks. EcoSink has been designed using Brightwell's patented dilution pin technology.



EcoSink 1 chemical

- A single dispenser enabling you to select up to 13 specific dilution ratios in high flow applications



EcoSink 2 chemical

- Dispenses up to two chemicals. Option to choose a single or dual (hot and cold) water supply

KEY FEATURES

Design

- Robust, curvy and easy-to-clean styling and design makes EcoSink the popular choice for demanding industrial kitchen environments

Flexible

- Dual water inlet options allows for supply of both hot and cold water within one system

Heavy Duty

- Strong and robust construction using 1.2mm thick stainless steel

Set up support

- Built-in spirit level and drilling template to aid installation



Includes backflow prevention*

Technical specifications

Application	Three compartment sink dispenser	
Operation	Simple twist and lock activation	
Installation	Working temperature range 4 - 82° C. Working pressure range 2 - 5 bar	
	Minimum water flow required: 8.5L/min	
Flow rates*	18L/min	
Dilution	Select up to 13 independent dilution ratios per chemical	
Branding	Chemical labels in English and Spanish come as standard to aid correct chemical selection	
	Branding options available**	
Dimensions and weight (H x W x D approx.)	1 chemical dispenser	258mm x 98mm x 80mm, Weight: 1.8kg
	2 chemical dispenser	258mm x 142mm x 80mm, Weight: 2.5kg

*MOQ's apply

*Flow rates are subject to environmental and onsite conditions
**MOQ's apply

EcoRange Cabinet

For 1.5L pouch or 2L container

EcoRange Cabinets are a safe and secure solution which limits contact with concentrated chemicals and minimises the risk of pilferage.



KEY FEATURES

Design

- Front cover circular plaque - can be branded with a customer logo*
- Robust design

Flexible

- Cabinet can be installed on either side of the EcoRange dosing systems

Safety

- Safe and secure storage solution for chemicals

1.5L Pouch

Set up example. Dispenser not included.



2L Container

Set up example. Dispenser not included.

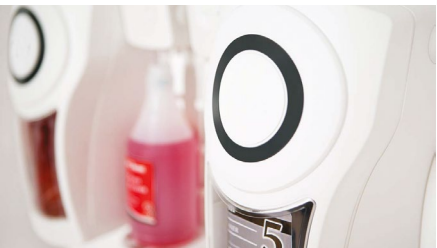


Technical specifications

Capacity	1.5L pouch or 2L container (with Brightwell's pouch adaptor)	
Colours	Cover ring: grey as standard. Also available in blue, green, red and yellow	
Installation	Easy to set up, wall-mounted	
Branding	The circular plaque can be branded with your company name or logo*	
Dimensions and weight (H x W x D approx.)	External	300mm x 170mm x 160mm, Weight: 0.6kg
	Max dimensions of container	225mm x 105mm x 120mm, Weight: 1kg

*MOQ's apply

Accessories



Secure chemical cabinet

A safe and secure solution which limits contact with concentrated chemicals and minimises the risk of pilferage.

Capacity: Small cabinet - 1.5L pouch or 2L container. Ability to set proprietary pin positions on pouch systems.

Colours: Cabinet ring: grey as standard. Also available in blue, green, red and yellow.

Branding: Front cover circular plaque can be customised with your company logo.*



Bottle hanging brackets

Hanging brackets keep chemical containers off the floor and facilitate easier floor maintenance. Each bracket supports up to a 5L container.



Dispenser key

Protect against tampering with our unique dispenser key ensuring all systems can only be opened by appointed personnel who are trained on system operation.



Colour-coded pictograms

Multi-lingual, colour-coded pictograms in sets of blue, red, yellow, green and transparent to aid easy identification of correct cleaning solution and application. The pictograms come as standard and are available in English, Spanish, French, Italian and German.



Non-return valves

Our non-return valves are available in EPDM, Viton and extreme Viton.

*MOQ's apply

Spray and Foam Systems

Reliable and efficient spray and foam systems

The way to maintain high standards of cleanliness and hygiene. We offer effective cleaning and disinfecting systems with precise dosing and robust design, a perfect investment for any industry.

Spray cleaning systems

Experience the power of our Spray Cleaning Systems, which provide a fast, efficient and precise way to dilute and dispense chemicals for heavy-duty cleaning and disinfecting of large areas.

Foam cleaning systems

Specifically designed for heavy cleaning and disinfecting in sectors that demand strict hygiene procedures, our foam solutions offer a precise dosage of chemicals to achieve optimal results.



Contents

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<i>1 chemical</i>		<i>1 chemical</i>	
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<i>1 chemical</i>		<i>1 chemical</i>	
EcoSpray Station	19	EcoFoam Station	24
<i>1 chemical</i>		<i>2 chemical</i>	
EcoSpray Station	20	EcoFoam Cart	25
<i>2 chemical</i>			
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EcoSprayer

With the EcoSprayer, small and medium-sized surfaces can be easily cleaned. The unit is easy to operate thanks to its practical handle and a gun with a rotating connector. Used by hygiene and cleaning professionals in numerous sectors such as agriculture, commercial kitchens, hospitals, food preparation facilities and many more.



KEY FEATURES

- Quick and easy to use
- Robust and ergonomic design
- Polypropylene moulded housing
- Backflow prevention with double check valve
- Venturi system integrated in the lid
- Stainless steel nozzle for optimal spray pattern
- Optional rinse lance is available

EcoSprayer

- Dispenses one chemical
- Tank capacity of 1L or 2.5L
- Different hose lengths are available (standard length 10m or 15m)
- Requires a mains water connection

Technical specifications

Application	For cleaning and disinfection of small surfaces to medium sized
Operation	Easy operation with spray gun
Installation	Minimum water pressure: 1.5 bar; use with cold water only (less than 30°C) Maximum water pressure: 8 bar
Dilution	Dilution ratio is selected with supplied metering tips
Dimensions and weight (H x W x D approx.)	216mm x 365mm x 150mm Weight: 1.2kg

Ecopray Basic Station

1 chemical

A complete spraying system for cleaning and disinfecting surfaces. Used by hygiene and cleaning professionals in numerous sectors such as agriculture, commercial kitchens, hospitals, food preparation facilities and many more.



KEY FEATURES

- Robust and ergonomic design
- Backflow prevention systems available for various countries (DC, CA, BA)
- PVDF bypass venturi injector with integrated non-return valve
- Available with Dinga and Ergo spray guns
- Retractable hose reel available



Also Available with Ergo Gun

Ecopray Basic Station

1 chemical

- Dispenses one chemical

Available with:

- 5L, 10L or 25L stainless steel canister holder (optional)
- Various hose lengths are available (10m or 15m)
- 3 or 4 wheeled stainless steel trolley available
- Spray lances available in 25cm, 50cm and 110cm lengths

Technical specifications

Application	For cleaning and disinfection of surfaces
Operation	Easy to operate with spray gun
Installation	Minimum water pressure: 1.5 bar; maximum water pressure: 8 bar; max. suction height 2m Maximum water pressure: 8 bar
Dilution	Dilution ratio is selected with supplied metering tips
Branding	The dispensers can be branded with your company name or logo*
Dimensions and weight (H x W x D approx.)	500mm x 315mm x 120.5mm Weight: 8.4kg

*MOQ's apply

EcoSpray Station

1 chemical

Complete system for cleaning and disinfecting surfaces. Used by hygiene and cleaning professionals in numerous sectors such as agriculture, commercial kitchens, hospitals, food preparation facilities and many more.



KEY FEATURES

- Robust and ergonomic design
- Polypropylene moulded housing
- Backflow prevention systems available for various countries (DC, CA, BA)
- PVDF bypass venturi injector with integrated non-return valve
- Available with Dinga and Ergo spray guns
- Retractable hose reel available
- Also available in a stainless steel version



Also Available with Ergo Gun

EcoSpray Station

1 chemical

- Dispenses one chemical

Available with:

- 5L, 10L or 25L stainless steel canister holder (optional)
- Various hose lengths are available (10m or 15m)
- 3 or 4 wheeled stainless steel trolley available
- Spray lances available in 25cm, 50cm and 110cm lengths

EcoSpray station with Dinga gun



Technical specifications

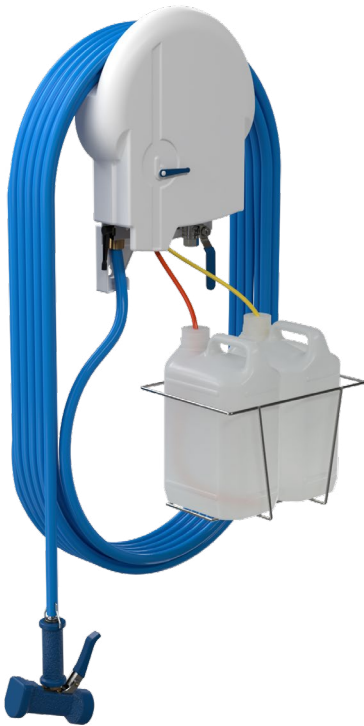
Application	For cleaning and disinfection of surfaces
Operation	Easy to operate with spray gun
Installation	Minimum water pressure: 1.5 bar; maximum water pressure: 8 bar; max. suction height 2m Maximum water pressure: 8 bar
Dilution	Dilution ratio is selected with supplied metering tips
Branding	The dispensers can be branded with your company name or logo*
Dimensions and weight (H x W x D approx.)	478mm x 342mm x 94mm Weight: 2.6kg

*MOQ's apply

EcoSpray Station

2 chemical

Complete system for cleaning and disinfecting surfaces. Used by hygiene and cleaning professionals in numerous sectors such as agriculture, commercial kitchens, hospitals, food preparation facilities and many more.



KEY FEATURES

- Robust and ergonomic design
- Polypropylene moulded housing
- Backflow prevention systems available for various countries (DC, CA, BA)
- PVDF bypass venturi injector with integrated non-return valve
- Available with Dinga and Ergo spray guns
- Retractable hose reel is available
- Also available in a stainless steel version



Also Available with Ergo Gun

EcoSpray Station 2 chemicals

- Dispenses two chemicals

Available with:

- 2 x 5L, 10L or 25L stainless steel canister holder (optional)
- Various hose lengths are available (10m or 15m)
- 3 or 4 wheeled stainless steel trolley available
- Spray lances available in 25cm, 50cm and 110cm lengths

EcoSpray station with Dinga gun



Technical specifications

Application	For cleaning and disinfection of surfaces
Operation	Easy to operate with spray gun
Installation	Minimum water pressure: 1.5 bar; maximum water pressure: 8 bar; max. suction height 2m Maximum water pressure: 8 bar
Dilution	Dilution ratio is selected with supplied metering tips
Branding	The dispensers can be branded with your company name or logo*
Dimensions and weight (H x W x D approx.)	478mm x 342mm x 94mm Weight: 2.6kg

*MOQ's apply

Spray Systems accessories



Metering tips
Spare metering tips.



Automatic reel

- Polypropylene: 10m
- Stainless steel: 20m



Non-return valve
Non-return valves are available in EPDM and Viton.



Stainless steel trolley
Stainless steel trolley with four wheels for EcoFoamer with an integrated can holder. Available with three or four wheels.



Dinga gun
This original Dinga spray gun is made with a shock- and scuff resistant blue rubber casing which gives it a quality feel.



Can holder
Stainless steel can holder available for 5L, 10L or 25L.



Ergo gun
Ergo Spray Gun with an ergonomic design for enhanced comfort.



Hoses
Various hose lengths are available: 10m or 15m.



Spraying lances
Spray lances available in 25cm, 50cm, or 110cm length.

EcoFoamer

With the EcoFoamer, small and medium-sized surfaces can be easily cleaned and disinfected. The unit is easy to handle thanks to its practical handle and rotating connector. Used by hygiene and cleaning professionals in numerous sectors such as agriculture, commercial kitchens, hospitals, food preparation facilities and many more.



KEY FEATURES

- Robust and ergonomic design
- Quick, easy to use and efficient
- Polypropylene moulded housing
- Compatible with most types of foaming products (alkaline or acidic)
- Integrated stainless steel nozzle exit offers a flat jet spray for optimum operation
- Venturi system integrated in the lid
- Requires access to mains water

EcoFoamer

- Dispenses one chemical
- Tank capacity of 1L or 2.5L
- Different hose lengths are available (10m or 15m)
- Optional rinse lance available

Technical specifications

Application	For cleaning and disinfection of surfaces with foam
Operation	Easy operation with foam gun
Installation	Minimum water pressure: 1.5 bar; cold water only (less than 30°C) Maximum water pressure: 8 bar
Dilution	Dilution ratio is selected with supplied metering tips
Dimensions and weight (H x W x D approx.)	386.5mm x 365mm x 150mm Weight: 4.4kg

EcoFoam Station 1 chemical

This unit is a cleaning and disinfection station designed to apply a foam product at a precise dosage. The dispensing of foam makes it possible to visually confirm the zones already treated with the cleaning product. It is mainly used in the food industry, hospital environments and commercial kitchens.

EcoFoam Station 1 chemical



KEY FEATURES

- Requires a connection to an air supply and mains water
- Stainless steel housing
- Backflow prevention systems available for various countries (standard DC; optional CA, BA)
- Polypropylene venturi injector with integrated non-return valve (standard EPDM, optional Viton)
- With stainless steel canister holder (optional)

EcoFoam station 1 chemical

- Dispenses one chemical
- Different hose lengths are available
- Optional rinse function available

EcoFoam Station 1 chemical with rinsing function



Technical specifications

Application	For cleaning and disinfection of surfaces with foam
Operation	Easy operation with foam gun
Installation	Minimum water pressure: 2 bar; maximum water pressure: 5.5 bar Minimum air pressure: 1.8 bar; maximum air pressure: 5 bar
Dilution	Venturi system with metering tips. Dilution depending on chemical between 0.2 - 13%
Branding	The dispensers can be branded with your company name or logo*
Dimensions and weight (H x W x D approx.)	478mm x 342mm x 94mm Weight: 8.5kg

*MOQ's apply

EcoFoam Station

2 chemical plus rinsing

This unit is a cleaning and disinfection station designed to choose from two foam products and has the option to use a rinsing function. The dispensing of foam makes it possible to visually confirm the zones already treated with the cleaning product. It is mainly used in the food industry, hospital environments and commercial kitchens.



KEY FEATURES

- Quick, easy and efficient to use
- Requires a connection to an air supply and mains water
- Produces foam and has the option for rinsing with water
- Stainless steel housing
- Backflow prevention systems available for various countries (standard CA; optional DC, BA)
- Polypropylene venturi injector with integrated non return valve (standard EPDM, optional Viton)

EcoFoam Station

2 chemicals plus rinsing function

- Dispenses two chemicals, with an option for 3 chemicals
- Integrated rinsing function, easy to use via selector handle
- Stainless steel canister holder available
- Various hose lengths are available

Technical specifications

Application	For cleaning and disinfection of surfaces
Operation	Easy to use selection of chemical and application via foam gun
Installation	Minimum water pressure: 2 bar; maximum water pressure: 5.5 bar Minimum air pressure: 1.8 bar; maximum air pressure: 5 bar
Dilution	Venturi system with metering tips. Dilution depending on chemical between 0.2 - 13%
Branding	The dispensers can be branded with your company name or logo*
Dimensions and weight (H x W x D approx.)	303mm x 337mm x 105mm Weight: 13kg

*MOQ's apply

EcoFoam Cart

Designed to excel in cleaning vertical and angled surfaces, the EcoFoam Cart is an ideal choice for maintaining hygiene standards in areas such as food and beverage production that demand mobility throughout the plant. Thanks to the air-driven pump, the EcoFoam Cart allows the generation of a rich and thick foam from a premixed, non-pressurised solution. This ensures comprehensive coverage of surfaces with extended contact time for superior cleaning and disinfection performance. The EcoFoam Cart requires only a compressed air supply for operation, making it a user-friendly and straightforward to maintain.

16gal/60L



KEY FEATURES

- High foam quality
- Equipped with a lance and delivery tube
- No electrical connection required
- Designed for easy manoeuvrability
- Safe, non-pressurised tank
- Two sizes: 16gal/60L and 25gal/95L

25gal/95L



Technical specifications

Application	For cleaning and disinfection of large vertical and angled surfaces	
Operation	Easy operation with foam lance	
Installation	Compressed air from 2.7bar/40psi to 5.5bar/80psi	
Dilution	Pre-mixed solution	
Dimensions and weight (H x W x D approx.)	16gal/60L	1150mm x 400mm x 500mm, Weight: 26kg
	25gal/95L	1080mm x 400mm x 700mm, Weight: 31kg

Dishwash Dosing

Spotless results with dishwasher dosing solutions

Essential for safe and efficient commercial environments. Our dosing systems can help improve dishwasher performance and extend the lifespan of drains, reducing costly repairs.

Our reliable peristaltic pumps dose detergent and rinse aid for spotless glassware, crockery, and cutlery. Suitable for use in a wide range of commercial dishwashers, including under-the-counter, single tank, conveyor, and glass dishwashers, they are perfect for hospitals, restaurants, and educational facilities.



Contents

Benefits	27	BrightLogic IP Industrial <i>Dishwash processing system</i>	31
Quantura 10 & 10+ <i>1 Chemical, peristaltic pump</i>	28	Accessories	35
Quantura 200 <i>2 Chemical, peristaltic pump</i>	29	DrainWatch <i>Drain dosing pump</i>	33
Quantura 200S <i>2 Chemical, peristaltic pump</i>	29		

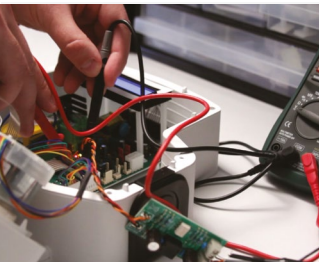
Benefits

Reliable and efficient chemical dosing systems help commercial dishwashers maintain optimal performance. Brightwell offer innovative dishwasher dosing systems that can be used for a wide variety of commercial dishwashers including glass, under-the-counter, single-tank and conveyor dishwashers.



Easy Installation

- Comprehensive online documentation
- Quick-start guide with every unit
- Pre-wired to speed up installation time (Quantura range only)
- Wall bracket mounting with an integrated spirit level (Quantura range only)



Advanced Technology

- Microprocessor controlled dosing technology for consistent and accurate dosing
- Intuitive programming interface with a wide range of configuration options
- Water-resistant, durable polypropylene enclosure
- Designed and tested for hard-working industrial environments
- Patented pump technology



Modern Design

- Professional, modern design
- Robust construction and no hard edges

Quantura 10 and Quantura 10+

1 chemical peristaltic pump

The Quantura 10 and 10+ are single peristaltic pump systems for dosing one chemical either detergent or rinse-aid into a glass or under-the-counter dishwashers. Easy installation and configuration together with reliable tube fittings make this system the ideal dosing solution.



KEY FEATURES

- Intuitive and easy-to-use interface
- Quick configuration and set up
- Every pump is pre-wired to reduce installation time
- Wall bracket mounting with integrated spirit level
- Water resistant, durable cover
- Optional conductive probe attachment

- Two Operating variants are available:
- **Quantura 10:** time and speed
 - **Quantura 10+:** time, speed, probe mode and remote dose mode

Technical specifications

Power	100-240V AC, 50/60Hz	
Flow rates*	Q10 Detergent flow rate: 10ml/min to 100ml/min	Q10+ Detergent flow rate: 15ml/min to 150ml/min
	Q10 Rinse aid flow rate: 5ml/min to 50ml/min	Q10+ Rinse aid flow rate: 7ml/min to 70ml/min
Operating pressures	Detergent: 1 bar	
	Rinse aid: Up to 1.5 bar	
Operating modes	Quantura 10: Time Mode, Speed Mode	
	Quantura 10+: Time Mode, Speed Mode, Probe Mode	
Probe	Conductive probe available for Quantura 10+	
Control circuitry	Microchip Microprocessor	
Squeeze tube fittings	Standard: Compression fittings	
Motor	24V DC	
Approvals	CE approved	
IP Rating	IP55	
Warranty	1 year	
Dimensions and weight (H x W x D approx.)	95mm x 89mm x 100mm	
	Weight: 0.5kg	

*Flow rates are subject to environmental and onsite conditions

Quantura 200 and Quantura 200S

2 chemical peristaltic pump

The Quantura 200 is a peristaltic pump dosing system for dosing dishwasher detergent and rinse aid into a wide variety of commercial dishwashers including conveyor, hood and door type dishwashing machines. Providing the same features and specifications as the Quantura 200 system, the Quantura 200S dosing system is for customers who use a solid powder fed system. In place of the peristaltic detergent pump, the Quantura 200S has an electrically operated solenoid valve that works with a powder bowl system. A third peristaltic pump can be added to create a three pump system.



Quantura 200

- 2 peristaltic pumps system



Quantura 200S

- 1 electronically operated solenoid valve
- 1 peristaltic rinse pump

KEY FEATURES

- Easy installation and set up
- One system for Probe Mode, Probeless Conveyor Mode, Probeless Hood/Door Mode
- High-quality brushless DC motors
- Micro-processor controlled dosing
- Pump status lights and on/off indication light
- Special Pulsing Technology to achieve super low flow rates
- Full text LCD in nine different languages
- Secure access code option
- Optional conductive probe attachment
- De-lime (descaling) capability
- Pre-wired to speed up installation process
- Modular design allows an easy conversion from a two to three pump system
- Can be connected to the low-level alarm and suction lances
- A third peristaltic pump can be added to create a three pump system

Technical specifications

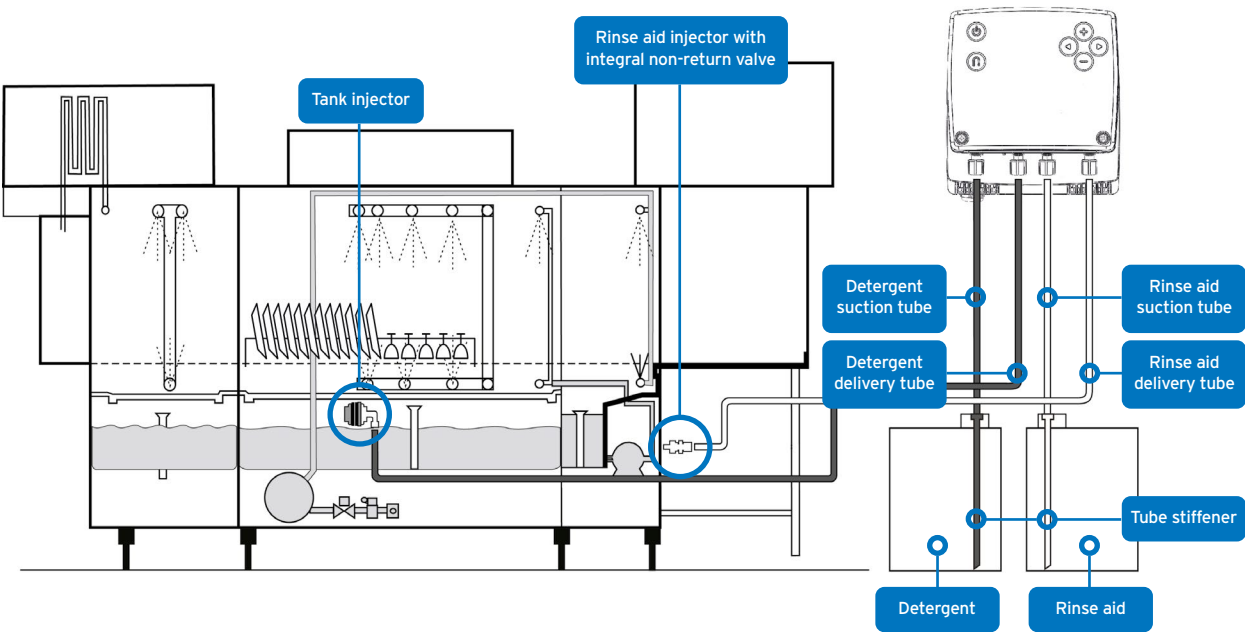
Power	100-240V AC, 50/60Hz
Flow rates*	Detergent flow rate: 30ml/min to 250ml/min (BrightChem tube)
	Rinse aid flow rate: 3ml/min to 30ml/min (BrightChem tube)
Operating pressure	Detergent: 1 bar / Rinse aid: Up to 3 bar
Trigger signals	24V to 240V (AC or DC), opto-isolated
Operating modes	Probe Mode, Probeless Conveyor Mode, Probeless Hood/Door Mode
Probe	Temperature compensated conductive probe
Control circuitry	ST Micro ARM Cortex-M3 CPU microprocessor controlled. Security access codes
Squeeze tube fittings	Standard: Compression fittings
Motor	Brushless 24V DC
Solenoid valve	24V DC (Applicable for Quantura 200S)
Approvals	CE marked, Low Voltage Directive (LVD) 2014/35/EU
	EMC Directive 2014/30/EU. Machinery Directive 2006/42/EC
Warranty	2 years
IP Rating	IP55
Buzzer	24V DC max. 500mA (10W)
Multilingual interface	Czech, Dutch, English, French, German, Italian, Polish, Spanish and Portuguese
Dimensions and weight (H x W x D approx.)	210mm x 183mm x 115mm
	Weight: 2kg

*Flow rates are subject to environmental and onsite conditions

Application examples

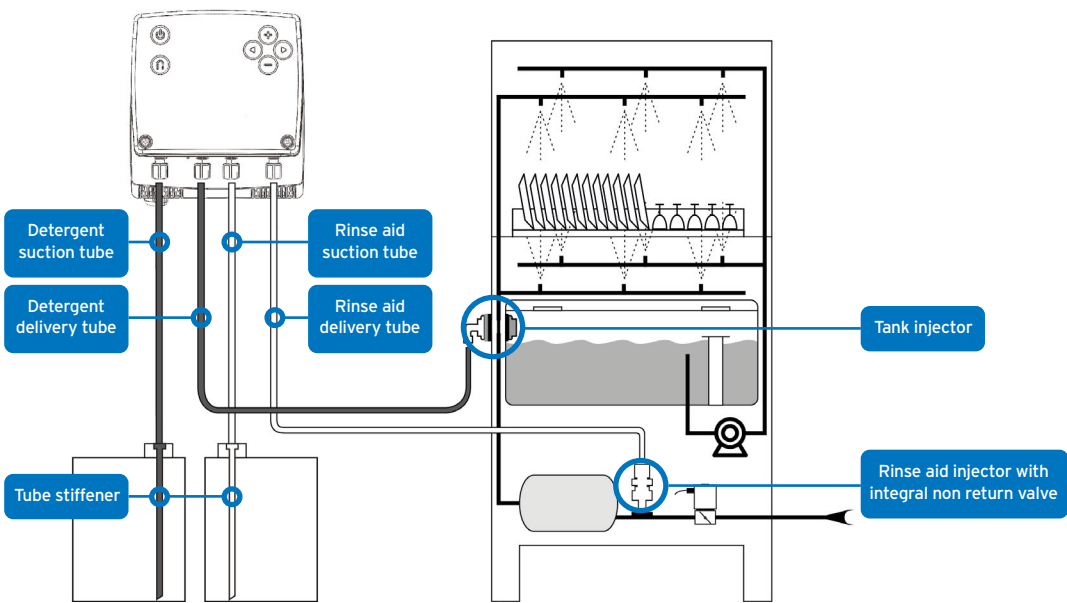
Commerical dishwasher applications - example 1

Conveyor Commercial Dishwasher



Commerical dishwasher applications - example 2

Hood/Door Commercial Dishwasher



BrightLogic IP Industrial Dishwash process system

The BrightLogic IP is ideal for crate, bottle washing, single-cycle dishwashers or conveyor machines. The system can dose up to three chemicals. You can choose a combination of high-flow or low-flow pumps up to a maximum of three. The first pump is always high-flow. The versatility of this system means it can work in cyclic mode, with conductive and inductive probes or by using the timed/signal mode.



KEY FEATURES

- Suitable for crate, bottle washing, single-cycle or conveyor machines
- 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
- Access codes for added security
- Enhanced multi-level programming
- Multilingual programming
- Option for brand promotion on enclosure
- With a maximum of three pumps you can mix and match the pump sizes to suit your application
- Also available with a membrane pump
- Modular design for up to three pumps

Technical specifications

Voltage / frequency	100-240V AC / 50-60Hz
Current	0.15A (@240v)
Power	36W
Signal supply	12-240V AC or DC
Outputs	24V DC, Buzzer/Lamp 24V DC 500Ma, (10W) max
Flow rate*	10mm Brightchem (maximum @100% 870ml/min) (minimum @40% 285ml/min) 3mm Brightchem (maximum @100% 35ml/min) (minimum @20% 3.5ml/min)
Tube options	Grey-Silicone, Brightchem, Norprene
Control circuitry	Microprocessor controller with 16 x 2 LCD display, programing via five key external keypad, security access code
Motor	24V DC, 600mA with 60RPM gearbox
Enclosure	Glass-filled polypropylene IP45
Approvals	EMC 89/336/EEC EN61000-6-2:2005 EN61000-6-3:2007 LVD72/23/EEC EN60335-1:2002+A2:2006
Dimensions and weight (H x W x D approx.)	285mm x 153mm x 140mm Weight: 1.6kg

*Flow rates are subject to environmental and onsite conditions

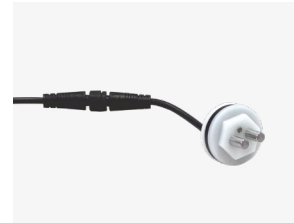
Accessories



Additional on sanitiser pump
A third peristaltic pump can be added to create a three pump system to allow the use of sanitiser.



Tubing
Peristaltic pump tubes are critical to the performance of any dosing system. All BrightLogic tubes are fitted with barbed connectors and quick couplings are available. We offer a variety of tube materials and tube connectors to best suit your installation.



Conductive probe
Monitor and control the detergent level in the dishwasher with our temperature compensated conductive probe. The conductive probe consists of electrodes which are in direct contact with the detergent solution. The conductivity measured between the electrodes is directly proportional to the detergent concentration of the solution, allowing automatic control of accurate detergent dosing.



Installation kit
A range of installation accessories can be provided to help with installation.



Hanging brackets
Hanging brackets keep containers off the floor and facilitate easier floor maintenance. Each bracket supports up to a 5L container.



Suction lance
The suction lance allows you to safely manage your chemical usage. When connected to the dosing system or low-level alarm module, it sounds a buzzer when the chemical reaches a critically low level.



Vacuum flow sensor
A sensor used with the Quantura range to trigger a chemical depletion alarm. This works when using chemicals supplied in enclosed bags.

DrainWatch

Drain dosing pump

DrainWatch is a durable and reliable dosing system suitable for indoor and outdoor applications that require the delivery of a single chemical at timed intervals. Available as a mains or battery-operated system, DrainWatch is commonly used for drain and grease trap maintenance and other purposes such as water treatment applications.

Mains Operated



Battery Operated



KEY FEATURES

- Rated IP65 for indoor and outdoor use in tough industrial environments
- Long-life premium motor for extended running life
- Multi-lingual programming with quick access review of events from one single screen
- LCD digital interface with character display and backlight for ease-of-use
- Optional access code protection to prevent unauthorised use
- Easily serviced from the front with compression connectors to facilitate quick tube changes
- Efficient and fast installation with mounting bracket and spirit level
- Low battery indicator as standard for battery models
- On/Off LED indicator



Technical specifications

Power supply	100-240V AC : 50/60/77 : Class II 9W
Motor	DC Brushed Motor
No. of feeds/24 hrs	20
Flow rate*	10ml/min - 100ml/min
Pump	Peristaltic Pump/Silicone Tube
Installation kit	Drain Pipe Injector PVC delivery/suction tubing Ceramic weight Foot filter Silicone peristaltic tubing
Approvals	CE Class 2 Product Certification IP65 Rated
Dimensions and weight (H x W x D approx.)	105mm x 105mm x 100mm Weight: 0.63kg

Technical specifications

Power supply	4 x D Cell
Motor	DC Brushed Motor
No. of feeds/24 hrs	20
Flow rate*	10ml/min - 100ml/min
Pump	Peristaltic Pump/Silicone Tube
Installation kit	Drain Pipe Injector PVC delivery/suction tubing Ceramic weight Foot filter Silicone peristaltic tubing
Approvals	CE Class 2 Product Certification IP65 Rated
Dimensions and weight (H x W x D approx.)	105mm x 210mm x 100mm Weight: 0.775kg (Excl. batteries)

Laundry Dosing

High-quality results with innovative laundry dosing systems

Deliver precise dosing for optimal cleaning power, minimising chemical usage with our laundry dosing units.

Transform your operations with boosted efficiencies, maximised reliability, and elevated wash results, all while saving costs.



Quantura 10+ Remote Dosing Laundry Pump

Single peristaltic pump

Quantura Q10+ Remote Dose is Brightwells single peristaltic pump system for dosing one chemical to top-load laundry machines. Easy installation and configuration with reliable tube fittings make this system the ideal dosing solution.



KEY FEATURES

- Full load and half load button activation
- LED's to indicate pump status: green - full load wash, yellow - half load wash, blue - in prime mode, red - unit is locked
- Adjustable lock out time (2-60 minutes), red LED light illuminates when locked out to prevent overdosing
- Adjustable full load run time (1-180 seconds)
- Adjustable pump delay time (0-20 minutes), LED light flashes to indicate that it is in delay mode
- Optional prime feature
- The Q10+ can be used for dishwash dosing, when the remote is removed, allowing time, speed and probe mode option
- Easy fit, plug and play handset with 5m cord
- Relay mode operation when the handset is not connected
- Every pump is pre-wired to reduce installation time

Contents

Quantura 10+ Remote Dosing Pump	35	Nexus	42
BrightLogic On-Premise Laundry	36	Accessories	44
BrightLogic High Flow	38	Multiplex	46
BrightLogic Membrane Pump	40		

Technical specifications

Power	100-240V AC, 50/60 Hz
Control circuitry	Microchip microprocessor
Motor	24V DC
Fittings	1/4" compression fittings with 1/4" barbed adaptor
Application	A variety of laundry machines, e.g. top load machines
Approvals	CE approved
IP Rating	IP55
Dimensions and weight (H x W x D approx.)	95mm x 89mm x 101mm Weight 1kg

BrightLogic On-premise

The BrightLogic On-Premise Laundry dosing systems (OPL) allow you to dose from 1 to 10 chemicals with a flow rate of up to 285ml* per minute. The space-saving patented double pump head is easy to install and maintain thanks to the quick-tube-change configuration. Suitable for both intelligent and non-intelligent washing machines up to 35kg, they can be used in relay mode or with a formula select programmer.

The laundry dosing systems are available in 2, 4, 6, 8 and 10 pump versions, however, you can easily upgrade to a unit with a plug-and-play pump module.

*Flow rate tested with water using Brightchem tube, under laboratory conditions

WL2



WL4



WL6



HARDWARE FEATURES

- Advanced PCB hardware
- Brushless motors
- 16 x 4 character illuminated screen
- Wireless, USB, Bluetooth communications
- Configure any combination 2-10 pumps
- Easy add-on pump configuration
- Full speed control on all pumps
- Full range of accessories to suit your installation
- Formula select module available for easy access to programme selection
- Independently CE and UL approved

SOFTWARE FEATURES

- Prime and stop pumps from the formula select module
- Bespoke access codes and screen text
- Twenty programmes as standard
- Chemical usage report including selectable date and time range feature
- Engineer's test screen to view signal inputs
- Auto formula select setting
- Multilingual programming
- Free programming software
- Relay mode setting
- Branding options available**

- End user does not have to touch the system
- Easy to use for end user



Formula Select module

Allows easy access to program selection for end users. Simple maintenance can be performed with the ability to disable or prime the pumps.

**MOQ's apply

Technical specifications

	2 pump BrightLogic system	4-10 pump BrightLogic system
Voltage / frequency	100-240V AC / 50-60Hz	100-240V AC / 50-60Hz
Current	L2: 0.4A (100V) - 0.14A (240V)	L4: 0.46A (100V) - 0.16A (240V) L6: 0.8A (100V) - 0.27A (240V) L8: 1.14A (100V) - 0.38mA (240V) L10: 1.48A (100V) - 0.50A (240V)
Power	L2: 36W	L4: 41W L6: 71W L8: 102W L10: 133W
Signal supply	12-240V AC or DC	12-240V AC or DC
Outputs	Flush Valve 24V DC, 1.25A (10W) max Buzzer/Lamp 24V DC 500Ma, (10W) max	Flush Valve 24V DC, 1.25A (10W) max Buzzer/Lamp 24V DC 500Ma, (10W) max
Flow rate*	6mm BrightChem max (100%) 285ml per/min (Using water) 6mm BrightChem min (30%) 70ml per/min (Using water)	6mm BrightChem max (100%) 285ml per/min (Using water) 6mm BrightChem min (30%) 70ml per/min (Using water)
Tube options	Grey-Silicone Brightchem EDPM Viton	Grey-Silicone Brightchem EDPM Viton
Control circuitry	16 x 4 illuminated LCD display, Programming via 9 external keypad keys, Security access code	16 x 4 illuminated LCD display, Programming via 9 external keypad keys, Security access code
Motor	Brushless 24V DC, 600mA	Brushless 24V DC, 600mA
Enclosure	Glass-Filled Polypropylene IP45	Glass-Filled Polypropylene IP45
Installation kit	Available on request	Available on request
Approvals	EMC89/336/EEC EN61000-6-4:2007 LVD72/23/EEC EN60335-1:2002+A2:2006	EMC89/336/EEC EN61000-6-4:2007 LVD72/23/EEC EN60335-1:2002+A2:2006
Dimensions (mm) (H x W x D approx.)	L2 - 285 x 190 x 166	L4 - 266 x 285 x 166 L6 - 266 x 425 x 166 L8 - 266 x 565 x 166 L10 - 266 x 705 x 166
Weight (approx.)	L2 - 2kg	L4 - 3.55kg L6 - 5.20kg L8 - 6.31kg L10 - 7kg

*Flow rate tested with water using BrightChem tube under laboratory conditions.

BrightLogic High-flow

The BrightLogic High-Flow Laundry Dosing Systems for industrial laundries can dose from 1 to 10 chemicals with a flow rate of up to 870ml* per minute.

The high-flow pumps can be mixed with On-Premise Laundry dosing pumps to suit various dosing needs. They are compatible with both intelligent and non-intelligent machines up to 100kg** and can be used in relay mode or with a Formula Select Module.

*Flow rate tested with water using BrightChem tube under laboratory conditions.
** Depending on ml/kg.

WH3



HARDWARE FEATURES

- Advanced PCB hardware
- Brushless motors
- 16 x 4 character illuminated screen
- Wireless, USB, Bluetooth communications
- Configure any combination 1-10 pumps
- Easy add-on pump configuration
- Full speed control on all pumps
- Full range of accessories to suit your installation
- Formula select module available for easy access to programme selection
- Independently CE and UL approved

WH5



SOFTWARE FEATURES

- Programme formula select module with wash cycle names
- Prime and stop pumps from the formula select module
- Bespoke access codes and screen text
- Twenty programmes as standard
- Chemical usage report including selectable date and time range feature
- Engineers test screen to view signal inputs
- Auto formula select setting
- Multilingual programming
- Free programming software
- Relay mode setting
- Branding options available***

10 Pump Controller



- If you need a higher flow rate than 1000ml per minute, the 10 pump controller features all the same software and features of the BrightLogic system
- It allows you to connect any OEM pump with a 24V, 110V, 230V power supply



Formula Select module

Allows easy access to program selection for end users. Simple maintenance can be performed with the ability to disable or prime the pumps.

***MOQ's apply

Technical specifications

High-flow laundry dosing

Voltage / frequency	100-240V AC / 50-60Hz	
Current	WH1: 0.16A WH2: 0.28A WH3: 0.42A WH4: 0.55A WH5: 0.7A	WH6: 0.85A WH7: 0.97A WH8: 1.08A WH9: 1.22A WH10: 1.36A
Power	WH1: 0.16A WH2: 0.28A WH3: 0.42A WH4: 0.55A WH5: 0.7A	WH6: 0.85A WH7: 0.97A WH8: 1.08A WH9: 1.22A WH10: 1.36A
Signal supply	12-240V AC or DC	
Outputs	Flush Valve 24V DC, 1.25A (10W) max Buzzer/Lamp 24V DC 500Ma, (10W) max	
Flow rate*	10mm BrightChem max (100%) 870ml per/min (Using water) 10mm BrightChem min (30%) 285ml per/min (Using water)	
Tube options	BrightChem Grey-Silicone EPDM	
Control circuitry	16 x 4 illuminated LCD display, Programming via 9 external keypad keys, Security access code	
Motor	Brushless 24V DC, 600mA	
Enclosure	Glass-Filled Polypropylene IP45	
Installation kit	Available on request	
Approvals	EMC89/336/EEC EN61000-6-4:2007 LVD72/23/EEC EN60335-1:2002+A2:2006	
Dimensions (mm) (H x W x D approx)	WH1: 285 x 185 x 135 WH2: 285 x 370 x 135 WH3: 285 x 555 x 135 WH4: 285 x 730 x 135 WH5: 285 x 915 x 135	WH6: 285 x 1090 x 135 WH7: 285 x 1275 x 135 WH8: 285 x 1450 x 135 WH9: 285 x 1635 x 135 WH10: 285 x 1810 x 135
Weight (approx.)	WH2: 3.5 kg WH3: 6.5 kg WH4: 7.4 kg WH5: 8.3 kg WH6: 12 kg	WH7: 13 kg WH8: 14 kg WH9: 15 kg WH10: 16 kg

*Flow rate tested with water using BrightChem tube under laboratory conditions.

BrightLogic Membrane pump

The BrightLogic membrane pump is a laundry dosing system, which has been designed to deliver excellent Flow rate consistency, even with highly viscous products.

The membrane pump is self-priming and requires limited maintenance as no peristaltic tube changes are needed, resulting in cost-savings.

Single pump



HARDWARE FEATURES

- Advanced PCB hardware
- Brushless motors
- 16 x 4 character illuminated screen
- Wireless, USB, Bluetooth communications
- Configure any combination 1-10 pumps
- Easy add-on pump configuration
- Full speed control on all pumps
- Full range of accessories to suit your installation
- Formula select module available for easy access to programme selection
- Independently CE and UL approved

Three pumps



SOFTWARE FEATURES

- Programme formula select module with wash cycle names
- Prime and stop pumps from the formula select module
- Bespoke access codes and screen text
- Twenty programmes as standard
- Chemical usage report including selectable date and time range feature
- Engineers test screen to view signal inputs
- Auto formula select setting
- Multilingual programming
- Free programming software
- Relay mode setting
- Branding options available*

Six pumps



Formula Select module

Allows easy access to program selection for end users. Simple maintenance can be performed with the ability to disable or prime the pumps.

*MOQ's apply

Technical specifications

Membrane pump

Voltage / frequency	100-240V AC / 50-60Hz	
Current @ 265V	WHD1: 0.16A WHD2: 0.32A WHD3: 0.48A WHD4: 0.64A WHD5: 0.81A	WHD6: 0.98A WHD7: 1.06A WHD8: 1.13A WHD9: 1.38A WHD10: 1.62A
	WHD2: 72W WHD3: 108W WHD4: 144W WHD5: 180W WHD6: 216W	WHD7: 252W WHD8: 288W WHD9: 324W WHD10: 360W
Power		
Signal supply	12-240V AC or DC	
Outputs	Flush Valve 24V DC, 1.25A (10W) max Buzzer/Lamp 24V DC 500Ma, (10W) max	
Flow rate*	Max (100%) 1500ml per/min (Using water) Min (30%) 570ml per/min (Using water)	
Control circuitry	16 x 4 illuminated LCD display, Programming via 9 external keypad keys, Security access code	
Motor	Brushless 24V DC, 600mA	
Enclosure	Glass-Filled Polypropylene IP45	
Installation kit	Available on request	
Approvals	EMC89/336/EEC EN61000-6-4:2007 LVD72/23/EEC EN60335-1:2002+A2:2006	
Dimensions (mm) (H x W x D approx.)	WH1: 285 x 185 x 135 WH2: 285 x 370 x 135 WH3: 285 x 555 x 135 WH4: 285 x 730 x 135 WH5: 285 x 915 x 135	WH6: 285 x 1090 x 135 WH7: 285 x 1275 x 135 WH8: 285 x 1450 x 135 WH9: 285 x 1635 x 135 WH10: 285 x 1810 x 135
	H1: 4 kg H2: 4.5 kg H3: 8 kg H4: 9.4 kg H5: 10.8 kg	H6: 15 kg H7: 16.5 kg H8: 18 kg H9: 19.5 kg H10: 21 kg
Weight (approx.)		



What is a membrane pump?

- A membrane pump, also known as a diaphragm pump, uses the movement of a membrane and two valves to pump chemical. Asymmetric umbrella check valves allow directional flow through the pump.
- Due to their design, membrane pumps generally display good suction characteristics and can handle relatively viscous chemicals. With a 70mm effective diameter and 5mm stroke length, Brightwell membrane can pump up to 1.5L/min.**

*Flow rate tested with water using BrightChem tube under laboratory conditions.

**Tested in laboratory with water. Further tests show a flow rate of 1000ml/min with a viscous product (viscosity 250cps).

Nexus

Nexus is a smart laundry dosing system featuring advanced diaphragm pump technology, seamless IoT connectivity, remote communication, and full program customisation. Designed to increase your business efficiency, minimise your service costs, and add value to your customers.

 Enjoy convenience by monitoring and managing Nexus remotely



Available for up to eight pumps



KEY FEATURES

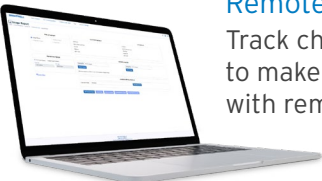
- Utilise remote data capture, program adjustments, and diagnostics to minimise site visits and downtime effectively
- Nexus ensures a straightforward installation process, allowing you to get up and running quickly
- Deliver a consistent, high-quality laundry experience to your customers with Nexus
- Nexus prioritises data and system security with Microsoft Azure protection
- Access valuable data insights through Nexus' cloud connection informing your decisions
- Minimise emissions with Nexus, reducing the need for frequent site visits
- Full range of accessories tailored to your installation needs, including a flush manifold for safe chemical dilution and flushing, and a Formula Select for easy maintenance.
- Customise wash programs with auto control or Formula Selects, offering up to 20 different options
- Easily capture and filter data by site or customer

HARDWARE FEATURES

- From 3 to 8 pump options for customisable chemical delivery
- Suitable for 15kg - 80kg single machines
- Highly durable low maintenance pump
- Individual pump speed control
- Touchpad, Bluetooth or WiFi configuration
- Multiple signalling modes, including AFS & levels
- Up to 30 wash programs
- CE & UL certified
- Two year warranty



Low maintenance with patented diaphragm pump technology
Experience consistently accurate flow rates with chemical-resistant materials and components.



Remote data capture
Track chemical consumption to make informed decisions with remote access.



Formula Select module
Enables easy maintenance, allowing users to disable or prime pumps, even in limited access scenarios.

Technical specifications

Nexus unit

	3 pump	4 pump	5 pump	6 pump	7 pump	8 pump
Voltage / frequency	80-264VAC 50-60Hz	80-264VAC 50-60Hz	80-264VAC 50-60Hz	80-264VAC 50-60Hz	80-264VAC 50-60Hz	80-264VAC 50-60Hz
Power	120W	120W	150W	180W	210W	240W
Flow rates*	Adjustable 300ml to 1,800ml					
Outputs	Flush Manifold, Buzzer/Lamp, Machine Interrupt					
Materials	Glass Filled Polypropylene housing, PVDF pump and connectors, PTFE coated diaphragm, choice of valve seal					
Network	Ethernet, Wi-Fi, Bluetooth					
Approvals	CE & UL					
Dimensions (mm) (H x W x D) (Approx.)	210 x 490 x 290	210 x 490 x 290	210 x 490 x 290 + 160 x 305 x 275 (x1)**	210 x 820 x 290	210 x 820 x 290 + 160 x 305 x 275 (x1)**	210 x 820 x 290 + 160 x 305 x 275 (x2)**
Weight (approx.)	3.3 kg	3.6 kg	4.8 kg	5.9 kg	7.1 kg	8.2 kg

Nexus membrane pump

Flow rate per minute*	300ml - 1800ml
Max. horizontal tube inlet	100m
Max. horizontal tube outlet	200m
Recommended prime height	1.5m
Max prime height (water)	2.4m
Max. outlet tube height	20m
Max. outlet pressure	2.4 Bar
Max. viscosity	1500 cP

Wetted materials

Pump body	PVDF
Valve washer	PVC
Valve umbrella***	Extreme Viton
Pump membrane	PTFE

* With water
** 4 pump with add on modules packaged separately
*** Other materials optional

Accessories*

Suction lances



Our suction lance allows you to distribute up to three dosing units from one chemical drum. When connected to the BrightLogic alarm system it will sound a buzzer when the chemical reaches a critically low level.

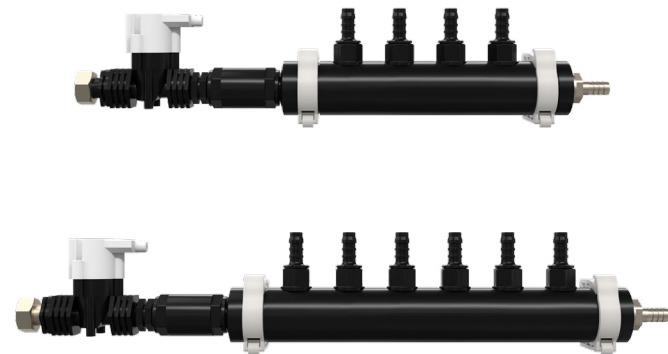
KEY FEATURES

- Available for 10L, 25L, 60L, 200L drums
- Three tubes feed up to three different dosing systems
- An adjustable cap slides up and down the wand allowing you to set the required height for your chemical container
- A float switch assembly calculates precise measurement of your chemical levels

Technical specifications

Options	375mm for 10 litre drum (2 supply tubes)	750mm for 60 litre drum (3 supply tubes)
	450mm for 20 litre and 25 litre drum (3 supply tubes)	1100mm for 200 litre drum (3 supply tubes)
Enclosure	Polypropylene casing PVC tube (8 x 14mm reinforced)	
Accessories	6mm x 8mm tube connectors	10mm x 8mm tube connectors
	8mm x 8mm tube connectors	
Dimensions (mm) (approx.)	Length: 375mm (neck diameter: 38mm)	Length: 750mm (neck diameter: 45mm)
	Length: 450mm (neck diameter: 45mm)	Length: 1100mm (neck diameter: 45mm)

Laundry manifold



The flush manifold uses water pressure to pump your laundry chemicals over a long distance.

KEY FEATURES

- Modular design allows for easy upgrades
- Easy installation and maintenance
- Ability to mix low and highflow pumps
- Inlet connectors are made from PVDF, one of the most resilient chemical materials on the market
- Compact packaging which allows more units per carton, reducing logistical costs

* Not compatible with the Multiplex range

Low-level chemical alarm



Connected to a dosing unit, or with its own power supply, the BrightLogic low-level alarm will monitor the level of up to 10 chemicals. It will trigger a buzzer or a flashing light to alert the laundry staff if a chemical is about to run out.

An external alarm module with a 90db level from 30cm can be connected to the alarm module for use in extremely noisy environments.

Technical specifications

Voltage / frequency	100-240V AC / 50-60 Hz
Current	0.11A (@240V)
Power	30W
Outputs	External Alarm Output 0V - 230V
Options	BrightLogic add on version External alarm & buzzer
Enclosure	Glass-Filled Polypropylene IP44
Approvals	EMC89/336/EEC N61000-6-3:2007
	EN61000-6-2:2007 LVD72/23/EEC EN60335-1
Dimensions (H x W x D approx.)	180mm x 135mm x 88mm
Weight (approx.)	0.5kg

Multiplex

Designed to cater to a range of laundry sizes, Multiplex serves establishments operating anywhere from 4 to 12 washing machines, with daily production capacities ranging from 500kg using our Multiplex 1 to 4000kg with our advanced Multiplex 2 Pro.

With safety as a top priority, the Multiplex dosing system incorporates several key features to ensure peace of mind for operators. From rigorous leak and water testing protocols to comprehensive chemical compatibility checks, Multiplex guarantees a secure dosing routine. Additionally, its innovative design includes continuous channel cleaning with water, effectively minimising maintenance requirements and ensuring uninterrupted operation.

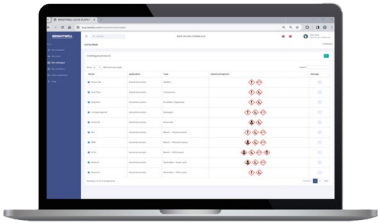
HARDWARE FEATURES

- **Low maintenance pumps**
Reduced site visits and reduced downtime
- **Individually serviceable valves**
Lower maintenance costs, servicing/replacing individual valves is cheaper than an entire block
- **Safe dosing sequence**
Four step dosing sequence guarantees safety and protects wash quality (can be five steps with optional airflush)
- **Machine pause**
Ensuring wash quality by holding the machine cycle until all chemical dispensed (requires washer extractor that accepts input signals)



SOFTWARE FEATURES

- **Remote configuration**
Access an internet connected unit and update configuration settings or run a report
- **Intelligent formula/program selection**
On-screen warnings for formulas that don't look compatible, or may be unsafe
- **Fully configurable user profiles**
User permissions can be set to control exactly who can see reports, edit chemicals, formulas and wash programs
- **Detailed reporting**
Drive decision making with detailed reports:
 - Absolute cost values (£/\$)
 - Cost per weight (kg/lb)
 - Cost per product
 - Cost per program
 - Consumption of product per kg/gal
 - Consumption per program per kg/gal
 - Water consumption
 - Alarms per type
 - Alarm quantity and % total
 - Production from each program per kg/lb
 - Detailed production analysis of each washer and each program
- **Realtime view**
Work with the confidence knowing you can check the units operation remotely
 - Live process tracking
 - Live phase tracking
 - Live ongoing dosage process
- **Historical view**
A log of all changes, including calibration and program settings



Intelligent product catalogue

Advanced database of all of your chemicals, with built in cost saving and chemical safety features. A single source of chemicals creates consistency across all sites.

Multiplex 1 and 1 Pro

Multiplex 1



- Integrated distribution manifold

Multiplex 1 Pro



- External distribution manifold
- Flow metre control for more accurate dosages and more detailed reports
- Opportunity to add additional channels

	Multiplex 1	Multiplex 1 Pro
Maximum daily production	1000kg	1800kg
Maximum products	8	8
Maximum number of washing machines	4	6
Functions	Configure Real-Time View Reports Password Management	Configure Real-Time View Reports Password Management
Interfaces	Webserver (Local) Web Portal	Webserver (Local) Web Portal
Power	108W	108W
Pumps	1 pump per channel. Main channel: electric diaphragm	1 pump per channel. Main channel: electric diaphragm
Flow rate (with water)	1.5 litres/minute	1.5 litres/minute
Data	Cloud synchronisation Onboard storage	Cloud synchronisation Onboard storage
Proof of chemical delivery	No	Yes
Optional add on channels	No	Yes
Remote access (Requires internet connection)	Yes	Yes
Information/statistics	Production in load and cycles Consumption and product cost OEE Alarms	Production in load and cycles Consumption and product cost OEE Alarms
Dimensions (H x W x D approx.)	780 x 810 x 190	850 x 780 x 253
Weight (approx.)	18.60kg	20.6kg

Multiplex 2 and 2 Pro

Multiplex 2



- External distribution manifold
- Flow meter control for more accurate dosages and more detailed reports
- Opportunity to add additional channels
- Onboard touchscreen for easy configuration and simple on-site setup changes

Multiplex 2 Pro



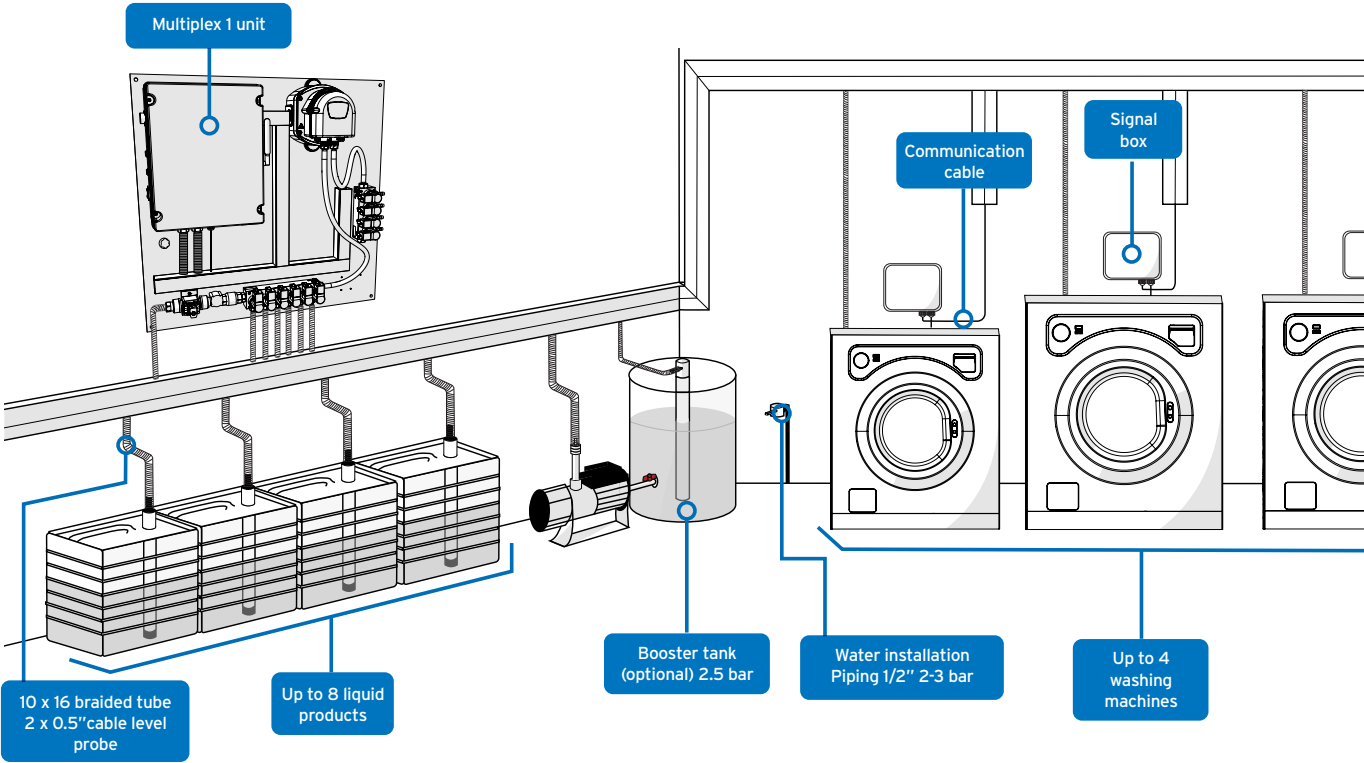
- All the benefits of Multiplex 2
- Increased flow and chemical delivery speed with Pneumatic pumps

	Multiplex 2	Multiplex 2 Pro
Maximum daily production*	2200kg	4000kg
Maximum products	8	10
Maximum number of washing machines*	10	12
Functions	Configure Real-Time View Reports Password Management	Configure Real-Time View Reports Password Management
Interfaces	7" Touchscreen (Local) Webserver (Local) Web Portal	7" Touchscreen (Local) Webserver (Local) Web Portal
Power	120W	120W
Pumps	1 pump per channel. Main channel: electric diaphragm	1 pump per channel. Main channel: Pneumatic double diaphragm pump
Flow rate (with water)	1.5 litres/minute	5 litres/minute
Data	Cloud synchronisation Onboard storage	Cloud synchronisation Onboard storage
Proof of chemical delivery	Yes	Yes
Optional add on channels	Yes	Yes
Remote access (Requires internet connection)	Yes	Yes
Information/statistics	Production in load and cycles Consumption and product cost OEE Alarms	Production in load and cycles Consumption and product cost OEE Alarms
Dimensions (H x W x D approx.)	850 x 780 x 253	850 x 870 x 253
Weight (approx.)	34.6kg	42kg

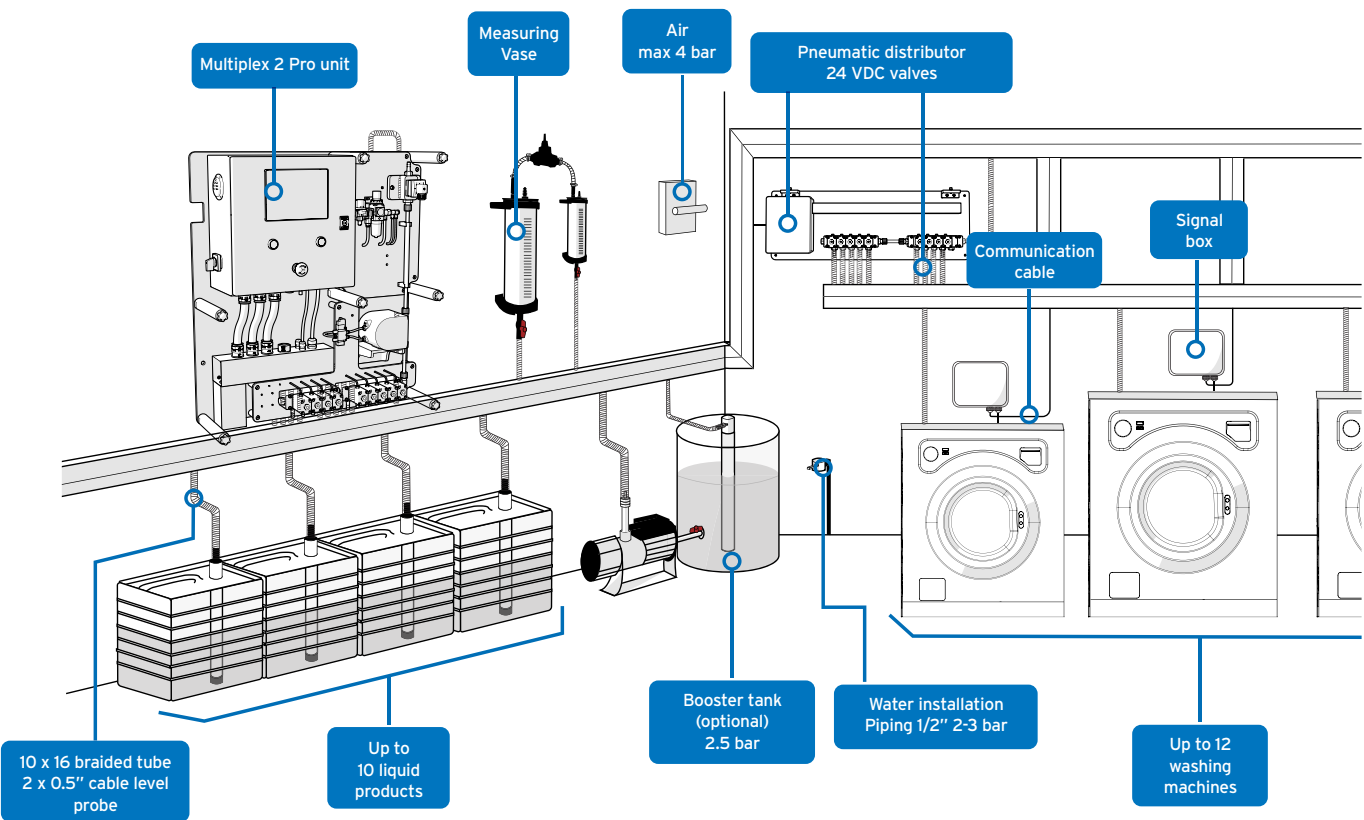
* Requires machine hold functionality

Application examples

Multiplex 1 application example



Multiplex 2 Pro application example



Our services

We have a range of services to support you, your business and your requirements.

Dedicated account manager

Your account manager is your dedicated point of contact and on-hand whenever you need.

Branding

We offer our customers the option to brand our products with their logo. We also offer own-labelling, with designs to suit your stock and product requirements. MOQ's apply - contact your Account Manager for details.

Chemical compatibility

All Brightwell products undergo comprehensive chemical compatibility testing. For customers who would like to test specific chemicals, we offer free chemical testing to ensure that they are compatible with the chosen dispenser. (Minimum order quantities and terms and conditions apply.)

Technical product training

Our training sessions cover everything from on-site training support, selling and maintaining the systems, to in-depth guidance on installation and programming our products.

Quality

Quality is our ethos. We are ISO 9001 certified which means our products are manufactured under strict quality standards to ensure the product meets the expectations of our customers.

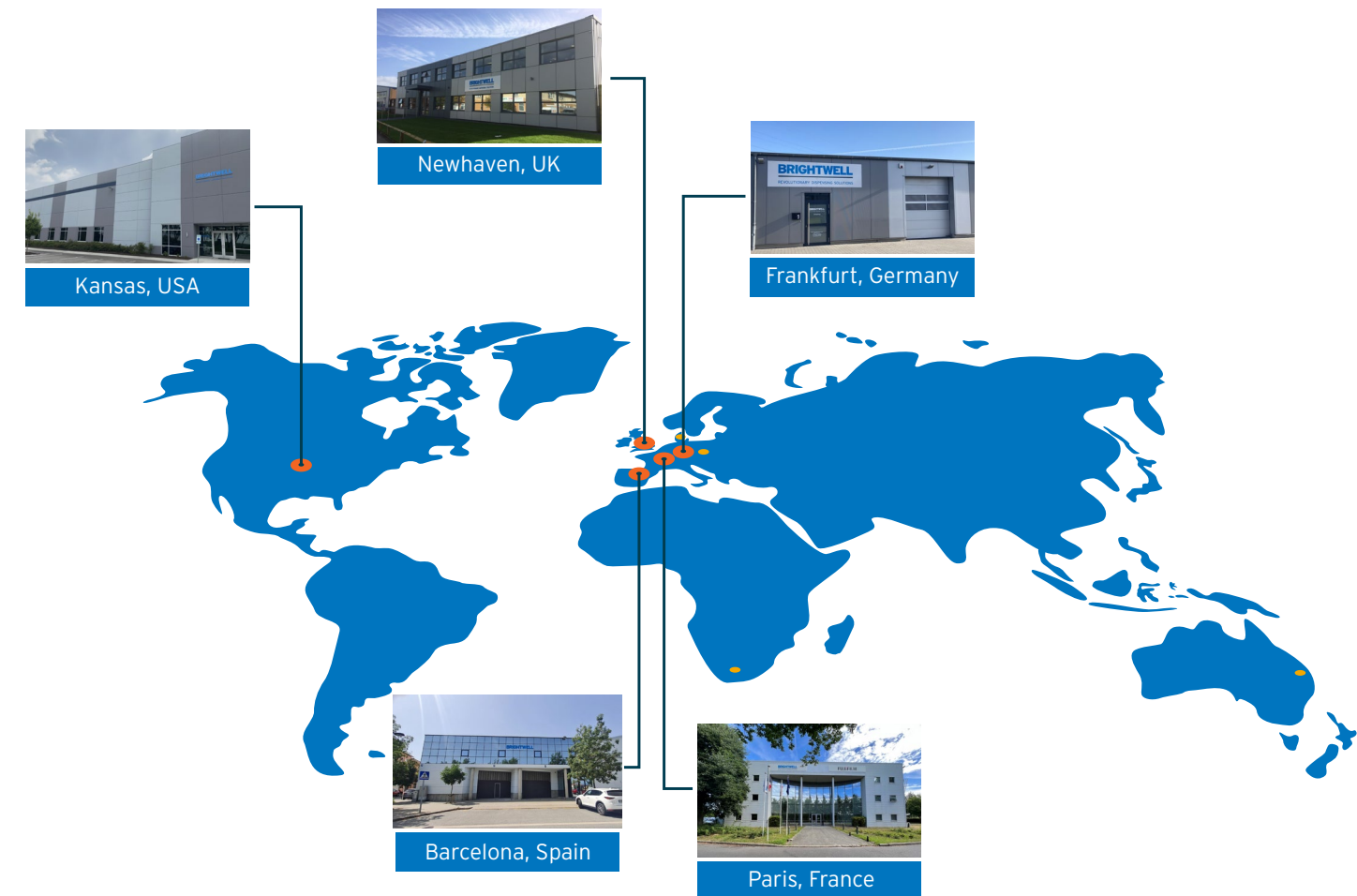
Design and Development

Our design team focuses on quality, innovation and sustainability in our designs so we can provide our customers the most efficient and versatile products.

Follow us on LinkedIn to keep up with all the latest news and instruction videos.



International reach. Local support.



5 global locations



International network of distributors



Manufacturing in UK, France, Spain, and USA



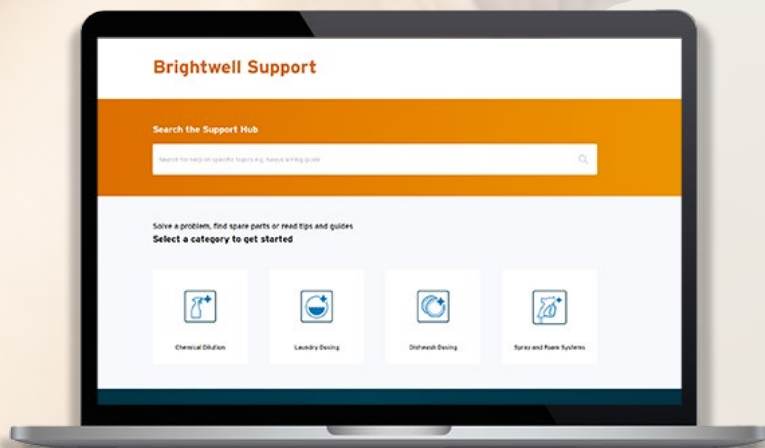
Exporting to over 70 countries

Solve a problem,
find spare parts or
read tips and guides

We're here to
help you



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access our Support Hub



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- ▶ Quality control
- ▶ Manufacturing teams

...who bring extensive knowledge
and experience to create exceptional
dispensing solutions.

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