



revolutionary dispensing solutions



# Laundry Dosing Systems

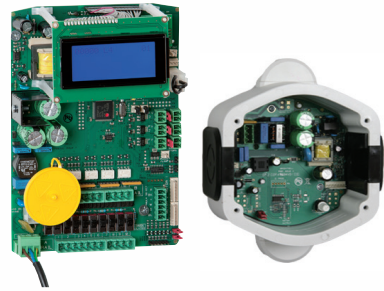


# Advanced program

Flexible and modular, the BrightLogic system is ideal for all sizes of machine from small OPL commercial washers to tunnel systems. The durable and technically advanced system can be programmed for up to 20 programmes and is equally suitable for the latest intelligent machines as well as older washers. Brightwell's pump technology incorporates brushless motors for minimal maintenance and a patented reversible gearbox enables two products to be supplied using just one motor, keeping costs low and use of space to a minimum. An illuminated display panel and easy-to-navigate touchpad make BrightLogic systems quick and easy to install. Units can be programmed using a notebook computer and a wireless dongle for fast and efficient set-up and maintenance.

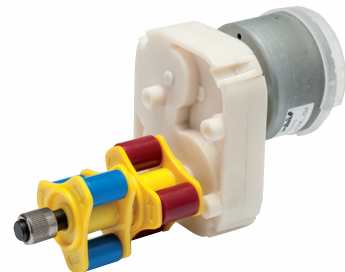
This high-tech PCB is designed and manufactured in-house using the highest grade compents and the latest technology.

- Resettable fuse
- Opto isolated signal inputs
- Power Supply 100V - 240V
- Signal 12V- 240V AC/DC
- One board for all units types
- Protected output transistor
- RS485 Communication



Advanced mechanincal design together with quality, reliable components maximise tube life and accuracy.

- Brushless motor for longer life
- Space-saving double pumphead configuration
- Support bearing provides accurate flow



No need for tools, the new pump configuration allows the tube to be replaced with just a couple of clicks.

- No tools required
- Quick and easy
- Minimal cost
- Safety release clamp technology



Brightwell provide a variety of tubes to suit any chemical type. Our free compatibility test will advise you of the best type for your chemical.

- Super-resistant co-extruded tube
- Quick and easy connections
- Selection of tubes to suit different chemicals
- Free compatibility test





# Laundry Dosing Systems

Brightwell laundry dosing systems are designed for hard-working commercial environments and are the most reliable, easy-to-use and resilient models on the market today.

Our dispensers work with: tunnel machines; card-reader and PLC-controlled machines; small washer extractors and large intelligent and non-intelligent machines that take loads between 5kg and 100kg.

As well as advanced dosing units, Brightwell also supplies a range of accessories to aid installations.



## Basic two-product OPL Systems

### Laundryplus II

The Laundryplus II offers manually activated dosing of two products into washing machines. The unit provides speed and time controlled dispensing and incorporates a 30-second timeout period after each operation to prevent excessive use of chemicals.

The laundry operator manually selects one or both chemicals for each wash cycle.



Key pad



Programmer

### Duoplus

The Duoplus is our low cost laundry unit for automated dosing and is intended for use with small commercial wash extractors where only two products are required.

The unit has two settings, providing speed and time controlled dispensing of either detergent and softener, or detergent and destainer. An optional formula module is also available for increased control and to allow 6 program selection options.



Key pad



Programmer

## BrightLogic Accessories

From a simple Laundryplus to an advanced ten pump BrightLogic system, Brightwell provide all the accessories you need for the perfect installation. Brightwell's laundry accessories ensure you are getting the best out of your dosing system and provide a safe management system for your laundry chemicals.

Free chemical compatibility tests ensure we provide you with the right peristaltic pump tube.



## BrightLogic OPL Systems

The Brightlogic OPL system allows you to dose from 1 – 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 machines up to 35kgs, BrightLogic can be used in relay mode or with a formula select programmer. The dosing systems are available in 2, 4, 6, 8 and 10 pump versions, however you can easily upgrade a unit with a plug and play pump module.

\*Flow rate tested with water using BrightChem at 100% speed, under laboratory conditions

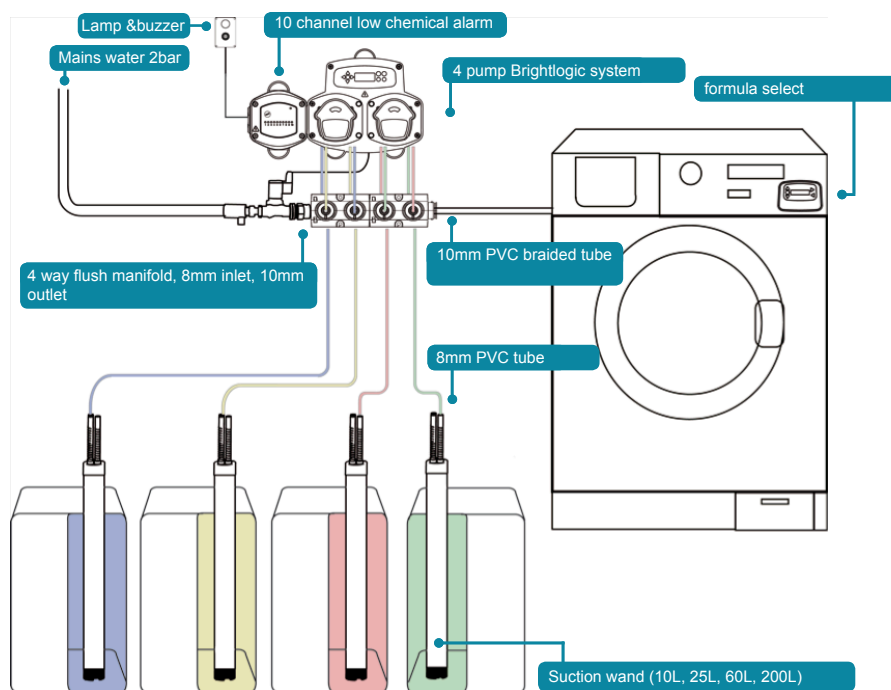


WL4



WL6

### OPL Full installation. Four pump system



### Installation kit includes

- Suction and delivery tubing
- Chemical drum weight and filter
- Cable ties
- (Optional extra quick connectors)
- Suitable accessories
- Low level alarm system
- Suction manifold
- Flush manifold
- Add-on pump module

## 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 works with almost any chemical. The inner lining will provide you with a safe system that will not cause the tube to split and leak chemical. Tube life is high and flow rate is medium

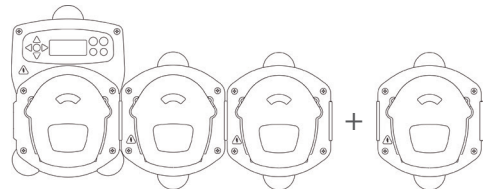
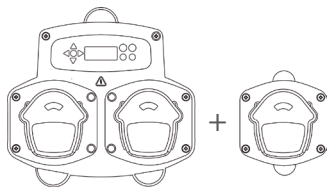
**Grey Silicone:** A tube that provides the highest flow rate and will be compatible with most standard detergent and fabric softeners. Tube life is medium and flow rate is high

**EPDM:** A premium tube that has high compatibility with most laundry chemicals. Tube life is high and flow rate is medium.

# BrightLogic Highflow commercial systems

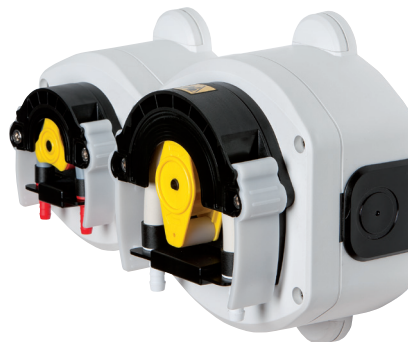


WH3



Add-on pump modules allow you to upgrade your unit to accommodate more chemicals. The unit will automatically reset to suit the correct number of pumps. You can add both OPL and high flow pumps.

Need a mixture of flow rates?  
Why not mix and match pump types?



With the same superior functions as the OPL version, BrightLogic highflow laundry systems allow you to dose from 1 – 10 chemicals with a flow rate of up to 870ml\* per minute. You can mix OPL and highflow pumps to suit your dosing needs. They are compatible with both intelligent and non-intelligent machines up to 100kgs\*\*.

\*Flow rate tested with water using BrightChem under laboratory conditions \*\* Depending on mls per kg.

Using standard mode, the formula select can be used to select the wash programme. The screen can display the name of the wash programme and unit can be used to the prime and stop the pumps (this function can be disabled).



## Installation Kit Includes

- Chemical drum weight and filter
- Herbie clips (size F)
- (Optional extra quick connectors)
- Suitable accessories
- Low level alarm system
- Suction Manifold
- Flush Manifold
- Add-on pump module



## Suction Lances

The suction lance from Brightwell 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.

10L | 25L | 60L | 200L



## 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 and a flashing light to alert the laundry staff if a chemical is about to run out.



# Computer Software

Programming or retrieving data from the BrightLogic Laundry Systems is easy when using the computer software. Create up to 20 programmes, control the dosage and retrieve reports in minutes.

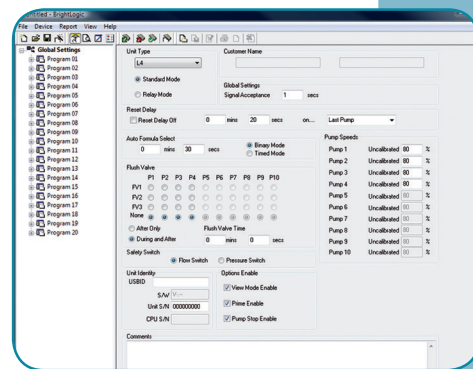
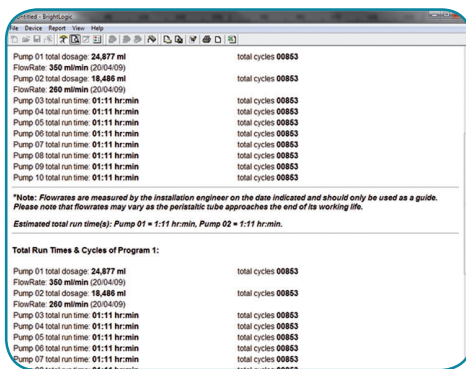
While other laundry systems offer expensive computerised control solutions, BrightLogic makes it simple and affordable.

With the PC software, you can assume total control of your BrightLogic unit with connection to your laptop (Microsoft OS only). The software is available as a free download from our website [www.brightwell.co.uk](http://www.brightwell.co.uk)

## Features

- Dry weight calculator
- Assign chemical names
- Collect usage data (calculate cost-per-wash)
- Export results to Microsoft Excel
- Copy and paste programme details
- Name programmes

# A simple, affordable software solution providing total control



# Unique wireless feature

The unique wireless feature on the BrightLogic laundry system has been designed to make those awkward to reach units more accessible to programme.

Using a wireless dongle you can now control your units through a laptop. Simply find the machine you want, and connect using 2.4 GHz RF signals. (Windows operating system only)



## Manifolds



Suction manifolds allow you to distribute from one chemical drum to up to 10 dosing units.

The flush manifold will use water pressure to pump your laundry chemicals over a long distance. Available with a flow safety stop switch and multiple connection sizes.

2, 4, 6, 8 or 10 inlets



## 10 Pump Controller

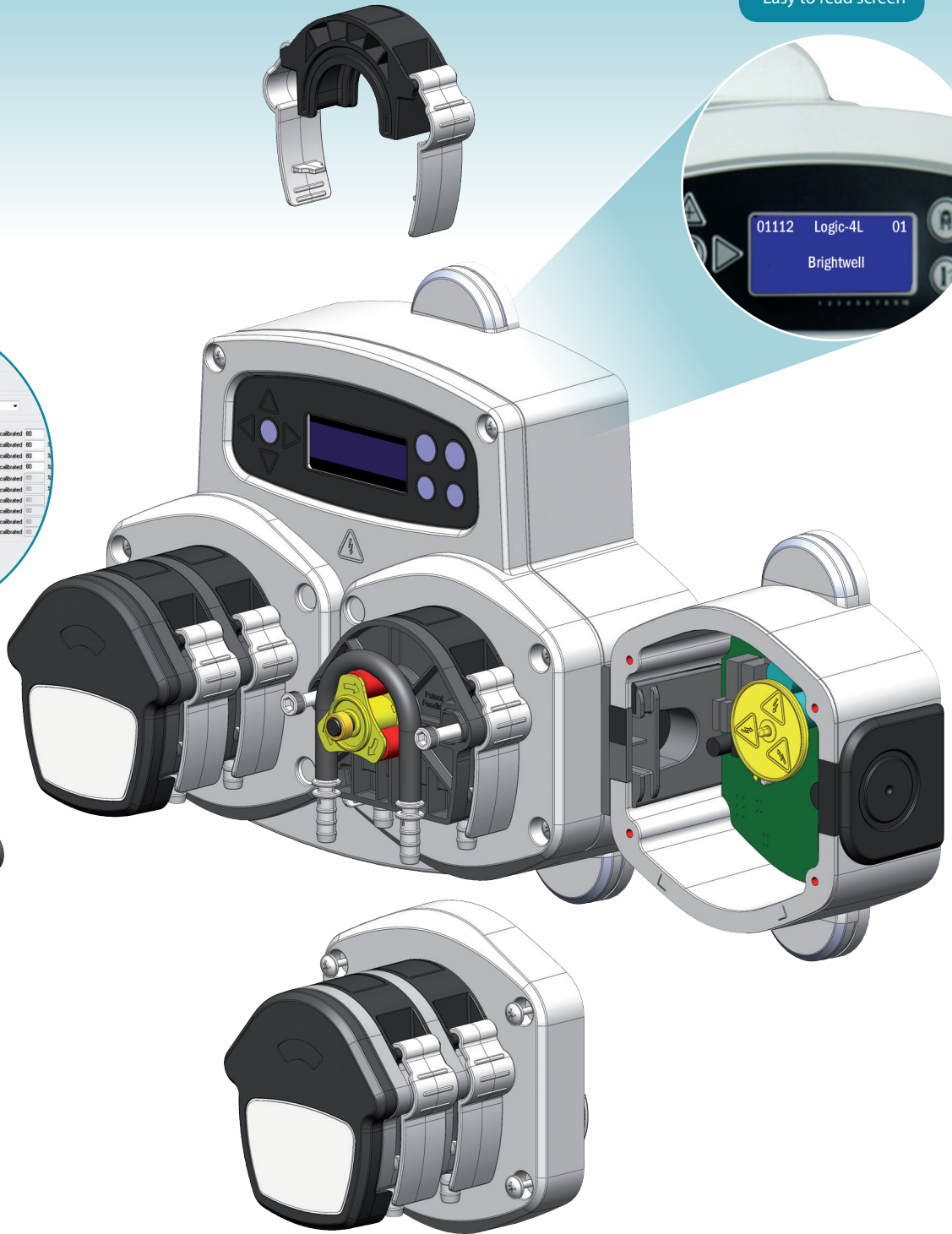
If you need a higher flow rate than 1000ml per minute, the 10 pump controller features all the same software and hardware features of the BrightLogic system. It allows you to connect any OEM pump with a 24V, 110V, 230V power supply.

# What is what keeps BrightLogic the market leader

Easy to read screen



Computer software



Multilingual programming | Clear backlit screen | Standard Mode  
Relay mode | Auto formular select mode | Remote programmer (formular select)  
Engineer test screen | Access codes and branded screen text | Speed controll on all pumps  
20 programmes | Wireless programming | Free computer software | Reporting facility



	No of chemicals	Flow Rate (max) <small>*Silicone **BrightChem</small>	Power	Signals	IP Rating
Laundryplus II	2	210ml/min*	230V AC	N/A	IP66M
Duoplus	2	210ml/min*	230V AC	12-240V AC/DC	IP66M
Brightlogic OPL	2 - 10	70 - 285ml/min**	100 – 240V AC/DC	12-240V AC/DC	IP44
Brightlogic HF	1 - 10	285 - 870ml/min**	100 – 240V AC/DC	12-240V AC/DC	IP45
10 pump Control	10	N/A	100 – 240V AC/DC	12-240V AC/DC	IP45
Alarm	N/A	N/A	100 – 240V AC/DC	N/A (Volt free contact)	IP44

Full product specifications are available online at [www.brightwell.co.uk](http://www.brightwell.co.uk)

#### Approvals/Quality

All BrightLogic dosing systems are independently CE and UL approved. All Brightwell Dispensers products are guaranteed for two years against defects in components and faulty workmanship. This does not cover chemical compatibility. Please see our full terms and conditions on website [www.brightwell.co.uk](http://www.brightwell.co.uk)



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