

# BRIGHTLOGIC ON-PREMISE LAUNDRY DOSING SYSTEM

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

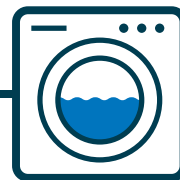
- Advanced PCB hardware
- Brushless motors
- 16 x 4 character illuminated screen
- Wireless, USB, Bluetooth communications
- Configure any combination 2-10 pumps
- Easy add-on pump configuration
- Full speed control on all pumps
- Full range of accessories to suit your installation
- Formula select module 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

\*\*MOQ's apply



# TECHNICAL SPECIFICATIONS

|                                                      | 2 PUMP BRIGHTLOGIC SYSTEM                                                                                    | 4-10 PUMP BRIGHTLOGIC SYSTEM                                                                                                              |
|------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>VOLTAGE / FREQUENCY</b>                           | 100-240V AC / 50-60Hz                                                                                        | 100-240V AC / 50-60Hz                                                                                                                     |
| <b>CURRENT</b>                                       | L2: 0.4A (100V) - 0.14A (240V)                                                                               | L4: 0.46A (100V) - 0.16A (240V)<br>L6: 0.8A (100V) - 0.27A (240V)<br>L8: 1.14A (100V) - 0.38mA (240V)<br>L10: 1.48A (100V) - 0.50A (240V) |
| <b>POWER</b>                                         | L2: 36W                                                                                                      | L4: 41W<br>L6: 71W<br>L8: 102W<br>L10: 133W                                                                                               |
| <b>SIGNAL SUPPLY</b>                                 | 12-240V AC or DC                                                                                             | 12-240V AC or DC                                                                                                                          |
| <b>OUTPUTS</b>                                       | Flush Valve 24V DC, 1.25A (10W) max<br>Buzzer/Lamp 24V DC 500Ma, (10W) max                                   | Flush Valve 24V DC, 1.25A (10W) max<br>Buzzer/Lamp 24V DC 500Ma, (10W) max                                                                |
| <b>FLOWRATE*</b>                                     | 6mm BrightChem max (100%) 285ml per/min (Using water)<br>6mm BrightChem min (30%) 70ml per/min (Using water) | 6mm BrightChem max (100%) 285ml per/min (Using water)<br>6mm BrightChem min (30%) 70ml per/min (Using water)                              |
| <b>TUBE OPTIONS</b>                                  | Grey-Silicone<br>Brightchem<br>EDPM<br>Viton                                                                 | Grey-Silicone<br>Brightchem<br>EDPM<br>Viton                                                                                              |
| <b>CONTROL CIRCUITRY</b>                             | 16 x 4 illuminated LCD display,<br>Programming via 9 external keypad keys,<br>Security access code           | 16 x 4 illuminated LCD display,<br>Programming via 9 external keypad keys,<br>Security access code                                        |
| <b>MOTOR</b>                                         | Brushless 24V DC, 600mA                                                                                      | Brushless 24V DC, 600mA                                                                                                                   |
| <b>ENCLOSURE</b>                                     | Glass-Filled Polypropylene IP45                                                                              | Glass-Filled Polypropylene IP45                                                                                                           |
| <b>INSTALLATION KIT</b>                              | Available on request                                                                                         | Available on request                                                                                                                      |
| <b>APPROVALS</b>                                     | EMC89/336/EEC<br>EN61000-6-4:2007<br>LVD72/23/EEC<br>EN60335-1:2002+A2:2006                                  | EMC89/336/EEC<br>EN61000-6-4:2007<br>LVD72/23/EEC<br>EN60335-1:2002+A2:2006                                                               |
| <b>DIMENSIONS (MM)<br/>(H X W X D)<br/>(APPROX.)</b> | L2 - 285 x 190 x 166                                                                                         | L4 - 266 x 285 x 166<br>L6 - 266 x 425 x 166<br>L8 - 266 x 565 x 166<br>L10 - 266 x 705 x 166                                             |
| <b>WEIGHT (APPROX.)</b>                              | L2 - 2kg                                                                                                     | L4 - 3.55kg<br>L6 - 5.20kg<br>L8 - 6.31kg<br>L10 - 7kg                                                                                    |

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



Scandinavian Instruments

Lilleringvej 12B, DK-8462 Harlev J  
Tel.: +45 8694 1211  
info@scan-in.dk www.scan-in.dk