



DISHWASH DOSING SYSTEMS

Reliable and efficient chemical dosing systems ensure that commercial dishwashers maintain optimal performance.

QUANTURA RANGE

Quantura is an innovative dishwash dosing range. It can be used for a wide variety of commercial dishwashers including glass, under-the-counter, single-tank and conveyor dishwashers.

BRIGHTLOGIC DISHWASH DOSING SYSTEM

A highly durable and easy-to-use dosing system that is ideal for crate or bottle washing.





THE PRODUCT RANGE



PAGE 40: QUANTURA 10 AND QUANTURA 10+



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BENEFITS

Reliable and efficient chemical dosing systems help commercial dishwashers maintain optimal performance. Brightwell Dispensers offers innovative dishwash 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 integrated spirit level (Quantura range only)



ADVANCED TECHNOLOGY

- Micro-processor 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



MODERN DESIGN

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



QUANTURA 10 AND QUANTURA 10+

The Quantura 10/10+ are single peristaltic pump systems for dosing one chemical of detergent or rinse-aid into 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:

- Timed – configurable initial and top up charge duration
- Speed – configurable pump speed and cycle time



CONDUCTIVE
PROBE

SPECIFICATIONS: QUANTURA 10 AND QUANTURA 10+		
POWER	100-240VAC, 50/60Hz, Class II	
FLOW RATES*	Q10 Detergent flow rate: 10ml/min to 100ml/min Q10 Rinse aid flow rate: 5ml/min to 50ml/min	Q10+ Detergent flow rate: 15ml/min to 150ml/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; alternative fittings are available on request (minimum order quantities apply)	
MOTOR	24VDC	
PRODUCT STANDARDS	CE approved	
DIMENSIONS AND WEIGHT	Height: 95mm; Width: 89mm; Depth: 100mm; Weight: 0.5kg	
IP RATING	IP55	
WARRANTY	1 year	

* Flow rates are subject to environmental conditions

QUANTURA 200 AND QUANTURA 200S

The Quantura 200 is a peristaltic pump dosing system for dosing dishwash 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.



QUANTURA 200



QUANTURA 200S

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

SPECIFICATIONS: QUANTURA 200 AND QUANTURA 200S

POWER	100-240VAC, 50/60Hz, Class II, Maximum power consumption: 42W
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; Alternative fittings are available on request (minimum order quantities apply)
MOTOR	Brushless 24VDC
SOLENOID VALVE	24VDC (Applicable for Quantura 200S)
PRODUCT STANDARDS	CE marked, Low Voltage Directive (LVD) 2014/35/EU EMC Directive 2014/30/EU. Machinery Directive 2006/42/EC CSA Approved underneath
DIMENSIONS AND WEIGHT	Height: 210mm, Width: 183mm, Depth: 115mm, Weight: 1.2kg
WARRANTY	2 years
IP RATING	IP55
BUZZER	24VDC max. 500mA (10W)
MULTILINGUAL INTERFACE	Czech, Dutch, English, French, German, Italian, Polish, Spanish and Portuguese

* Flow rates are subject to environmental conditions



QUANTURA 300 AND QUANTURA 300S

Quantura 300 and Quantura 300S systems are suitable for dosing three chemicals; detergent, rinse aid and sanitiser into a wide range of commercial dishwashers including conveyor, hood and door type dishwashing machines. The three chemical system consists of Quantura 200 or 200S and an additional third peristaltic pump for dosing sanitiser. The third pump only works with Quantura 200 or 200S.



QUANTURA 300



QUANTURA 300S

KEY FEATURES

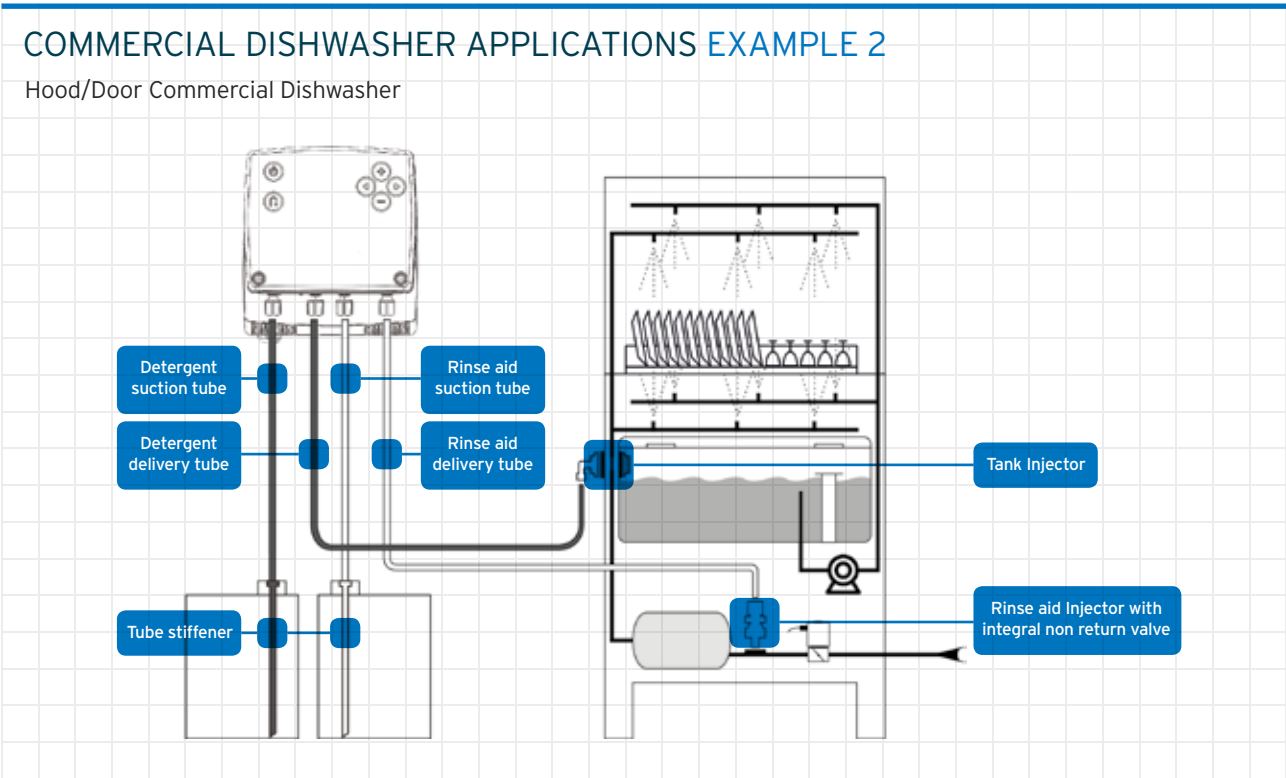
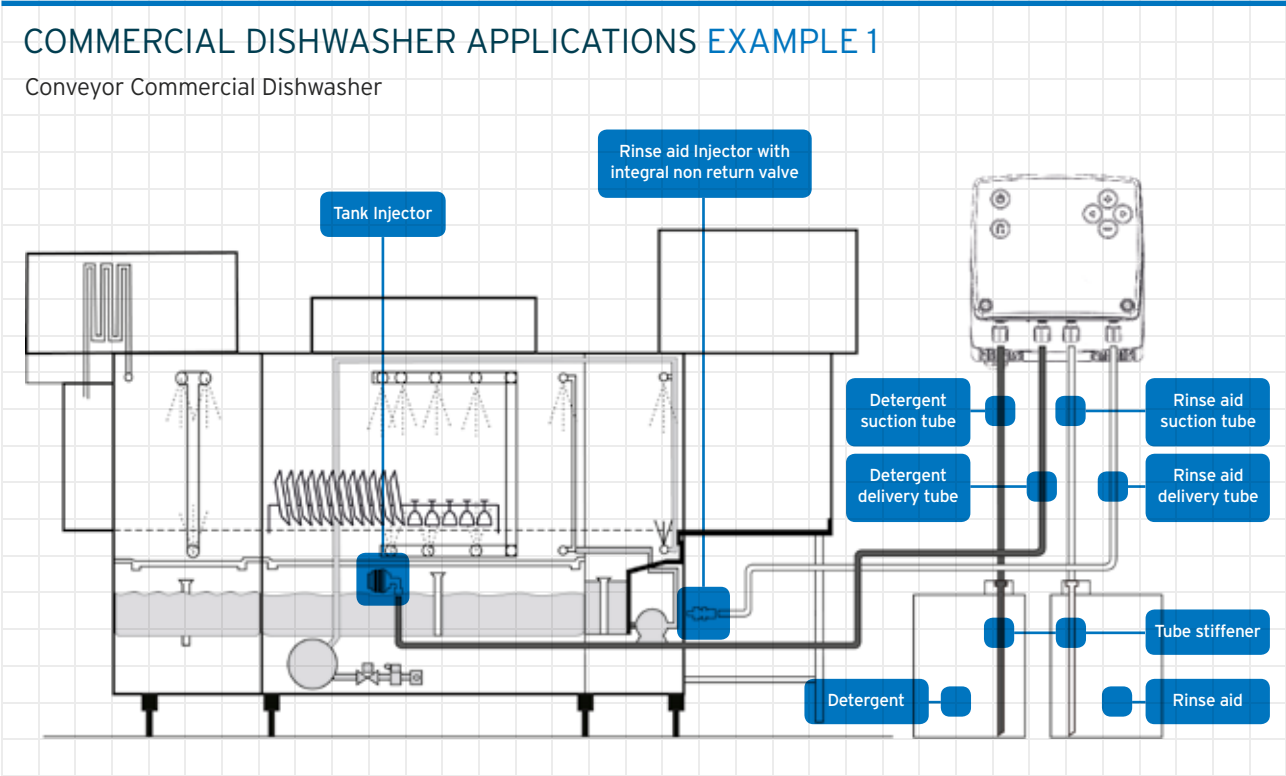
- Easy installation and set-up
- One system for Probe Mode, Probeless Conveyor Mode, Probeless Hood/Door Mode
- High-quality brushless DC motors
- Micro-processor controlled dosing
- Pump status lights and on/off indication light
- Special Pulsing Technology to achieve super low flow rates
- Full text LCD in nine different languages
- Secure access code option
- De-lime capability
- Pre-wired to speed up installation process

SPECIFICATIONS: QUANTURA 300 AND QUANTURA 300S

POWER	100-240VAC, 50/60Hz, Class II, Maximum power consumption: 42W
FLOW RATES*	Detergent flow rate: 30ml/min to 250ml/min (BrightChem tube) Rinse aid flow rate: 3ml/min to 30ml/min (BrightChem tube) Sanitiser flow rate: 6ml/min to 80ml/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; Alternative fittings are available on request (minimum order quantities apply)
MOTOR	Brushless 24VDC
SOLENOID VALVE	24VDC (Applicable for Quantura 300S)
PRODUCT STANDARDS	CE marked, Low Voltage Directive (LVD) 2014/35/EU EMC Directive 2014/30/EU. Machinery Directive 2006/42/EC
DIMENSIONS AND WEIGHT	Height: 210mm, Width: 280mm, Depth: 115mm, Weight: 2kg
WARRANTY	2 years
IP RATING	IP55
BUZZER	24VDC max. 500mA (10W)
MULTILINGUAL INTERFACE	Czech, Dutch, English, French, German, Italian, Polish, Spanish and Portuguese

* Flow rates are subject to environmental conditions

APPLICATION EXAMPLES





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

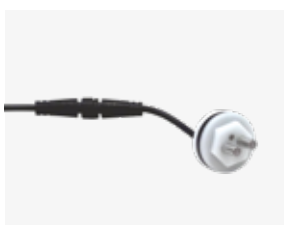
SPECIFICATIONS: BRIGHTLOGIC IP	
VOLTAGE / FREQUENCY	100-240V AC / 50-60Hz
CURRENT	0.15A (@240v)
POWER	36W
SIGNAL SUPPLY	12-240V AC or DC
OUTPUTS	24v DC, Buzzer/Lamp 24V DC 500Ma, (10W) max
FLOWRATE	10mm Brightchem (maximum @100% 870ml/min) (minimum @40% 285ml/min) 3mm Brightchem (maximum @100% 35ml/min) (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	<ul style="list-style-type: none">• EMC 89/336/EEC• EN61000-6-2:2005• EN61000-6-3:2007• LVD72/23/EEC• EN60335-1:2002+A2:2006
DIMENSIONS AND WEIGHT	Height: 285mm; Width: 153mm; Depth: 140mm; Weight: 1.6kg

DISHWASH ACCESSORIES



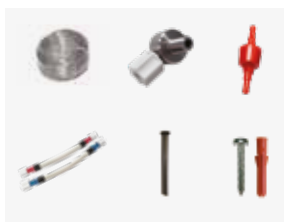
TUBING

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 it sounds a buzzer when the chemical reaches a critically low level.

BRIGHTWELL

REVOLUTIONARY DISPENSING SOLUTIONS

BRIGHTWELL DISPENSERS LTD

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