

DESCRIPTION

WashMulti Peri System is a centralised chemical dosing system designed for laundry applications. Installations can serve any combination of up to 10 washer extractors (depending of washer capacity) and maximum total load (all machines) of 400/500Kg (900/1100 lbs).

The main unit contains 4/6/8 peristaltic pumps with the possibility to add an auxiliary unit with a further 2/4 pumps.

For enhanced accuracy, WashMulti Peri has a built-in flow meter sensor.

As with the other products in the Wash Series, WashMulti Peri allows remote management of the dosing system and provides critical management information through the “Sekoweb” portal.



FEATURES

Product design and technological advantages:

- Modular system configurable for up to 10 washer extractors, with 16 chemicals
- The system is provided with a gear flowmeter to assure the right dosing accuracy also for high viscous chemical
- Outstanding chemical compatibility materials for all the manifold parts, pump squeeze tubes and seals
- As for the all Wash series, the system has a web server interface accessible via WiFi with any device like smartphone, tablet or laptop
- WashMulti Air allows remote management of the dosing system and provides critical management information through the “SEKOWEB” portal.
- Hygiene temperature monitoring for washed linen disinfection certification

TECHNICAL SPECIFICATIONS

H Series Peristaltic Pumps - Three rollers, self-priming, self-checking	
Squeeze Tubing	SEKOMed
Nominal Flowrate	1666 ml/min (56.3 oz./min) with standard tubing 9.6x15.9 mm (0.25") with water @ 20°
Maximum Suction Tube Length	The max length of the suction tube is 5 meters (16 feet). Long tube runs in combination with viscous products shorten pump tube life. It is recommended to keep pick-up lines short as possible and stay within the specification.
Duty Cycle	60% with the maximum continuous run time of 10 minutes

Electrical specifications	
CE Compliant	100-240 VAC 50/60 Hz, 2 Amp. Transient voltages typically present at mains supply. Mains supply fluctuations not to exceed $\pm 10\%$
Fuse	6.3A T 250V (internal, replaceable)
Water Valve Output	30 VDC, 0.5 Amps
Pump Drive Outputs	30 VDC, 1 Amp normal, 2 Amps max
Distributor valve	30 VDC
Power Switch	On/off rocker switch main console

Environmental specifications (all system modules)	
Altitude	Maximum operating altitude 2000 meters (6500 feet)
Internal Ambient Temperature Range	5-40°C (41-104°F) For indoor use only
Humidity	Maximum relative humidity 80% at up to 30°C (86°F) decreasing linearly to 50% relative humidity at 40°C (104°F)
Pollution Degree	2
Installation Category	II

Water supply specifications	
Recommended flow rate	Min: 2 L/min, Max: 10 L/min
Pressure	Min: 1 Bar, Max: 4 Bar (dynamic)
Temperature	10-40°C (50 - 104°F)
Connection	BSP 3/4" female (GHT US version)

STANDARD SYSTEM CONFIGURATIONS

Below you can find the available WashMulti Peri standard systems with back panel



Main unit (4-Pumps System)	
Dimensions (W x H x D cm)	90 x 66.5 x 21.1 cm (35.4 x 27.8 x 9.3 in)
Weight	25.30 kg (56 lbs)



Main unit (6-Pumps System)	
Dimensions (W x H x D cm)	90 x 66.5 x 21.1 cm (35.4 x 27.8 x 9.3 in)
Weight	33.90 kg (74 lbs)



Main unit (8-Pumps System)	
Dimensions (W x H x D cm)	110 x 66.5 x 21.1 cm (43.3 x 27.8 x 9.3 in)
Weight	39.90 kg (88 lbs)

Auxiliary Units



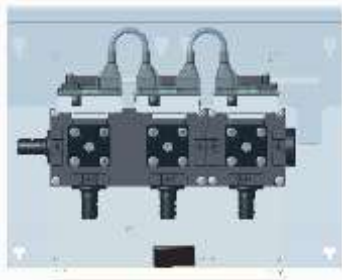
Aux unit (2-Pumps System)	
Dimensions (W x H x D cm)	45 x 66.5 x 21.1 cm (17.7 x 27.8 x 9.3 in)
Weight	11.20 kg (24.60 lbs)



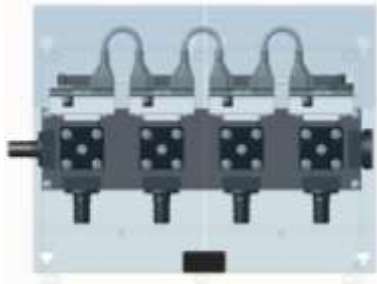
Aux unit (4-Pumps System)	
Dimensions (W x H x D cm)	65 x 66.5 x 21.1 cm (25.5 x 27.8 x 9.3 in)
Weight	20.50 kg (45.10 lbs)

Distributors (standard module)	
Power	30 VDC, supplied by CANbus cable
Outlet	4-5-6 machine valves. (Option to add further machine valves for feeding up to 10 machines max)
IP rating	IP40
Max length tubing	The maximum tubing distances between the pump unit and the machine is 60m. This distance also includes the passage for the distributor.

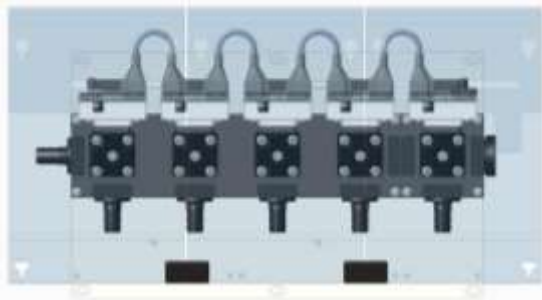
Each of the above standard systems can be configured with a distributor with up to 6 pneumatic valves and in combination up to 10. Below you can find the standard distributors available with a WashMulti Air standard system:



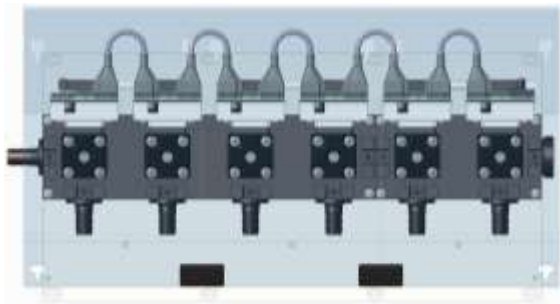
a. Three valve distributor



b. Four valve distributor



c. Five valve distributor



d. Six valve distributor