



Accuratic DP



Innovative Mechanical Warewash Chemical Dispensing System

Accuratic DP is a modular, accurate and reliable dispenser - using the latest technology and components - to dispense detergents, rinse aids and/or boosters/sanitizers to single tank dishwashers. The Accuratic DP circuit board supports both time and speed based applications and connection with one or two electrical signals.

Accuratic DP complies with all global electrical certifications and requirements for IP rating thus maximizing the safety of the new dispensers.

Accuratic DP is using a DIN rail compatible bracket for easy installation of multiple dispensers on the wall

Accuratic DP brings you:

- Accurate dosing to deliver consistently high cleaning performance at controlled cost
- Reliable dispensers that won't break down unexpectedly for undisrupted operations, thus preventing productivity loss and costly rewash
- Dispensers which are easy to install and program using potentiometers
- Dispensers which are easy to maintain

Key features

- Easy set up using potentiometer.
- Speed or time based dosing and option for initial charge
- Power switch that allows the descaling of the dishwasher.
- Prime button.
- Reduced maintenance frequency due to longer lasting tubes.
- Easy tube replacement / maintenance.
- Delivered with all the parts needed for an installation, in the box.
- Option for a low level alarm.





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General

Size	H: 145 mm / 5.7", W: 105 mm / 4.13", D: 125 mm / 4.92"
Weight	0.980 Kg / 2.16 lbs
Mounting	Plastic bracket, compatible to DIN rail, wall mounting with 2 screws on the bracket and 1 screw on the bottom of the pump.
Enclosure Material	Polypropylene 25% mineral filled
Transparent cover Material	Polycarbonate

Regulatory approvals



Refer to pump version for regulatory compliance.

Environmental specifications

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
Ingress Protection Rating	IPX5

Power Input

Power	85-240 VAC, 50/60Hz, 0.7A Used as a permanent power input or as a high voltage trigger input
External fuse size:	1 Amp 20mm x 5mm Dia Anti – Surge, supplied in external fuse holder
Internal fuse size:	1 Amp 250V, not replaceable
Power Cable Size	2 x 0.75 mm ² / 18 AWG, length 3m / 9.8' prewired

Volt Free Trigger Inputs

Trigger Input	Dry contact (voltage-free) 2 inputs used on detergent model 1 input used on rinse model TRIG IN 1 = recharge dose TRIG IN 2 = initial charge dose
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Pump Flow rate

Detergent Unit	0.2 Bar / 2.9 psi back pressure: 1.5 - 130ml/min
Rinse Unit	3 Bar / 43.5 psi back pressure: 0.25 - 19ml/min
Duty Cycle	60%, maximum continuous run time: 10 minutes



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Alarm input

Low level of chemical	3-pin connector
	2 wire Dry contact
	Optional 24 VDC output for powered depletion sensor

Hydraulic Performance

Detergent Unit	5 oz / 150 ml detergent tube: 0.7 bar (10 psi) max
	8 oz / 240 ml detergent tube: 1.4 bar (20 psi) max
Rinse unit	0.6 oz / 20 ml rinse tube: 3 bar (43.5 psi) max.

Pump Run Time Range

Recharge runtime	0 - 20 secs
Initial charge runtime	0 - 190 secs
Pump speed	1 - 100%

For the complete parts list please visit the Diversey Equipment Website: www.solutionsdeliverysystems.com