

# D3000

## Warewashing Chemical Dispensing System

### Versatile and flexible with superior results!

The D3000 is an extremely versatile and flexible liquid dispensing system for machine warewashing. It can dose detergent based on conductivity (probe mode), pump run time (timed mode) or speed mode (proportional) both of which are probeless.

Configuration and interrogation can be accomplished via the hand-held Uniview programmer or the D3000 can be configured to be set up using potentiometers. This is appropriate when an easier installation is required or for distributors who do not have access to the Uniview.



### SUPERIOR RESULTS

The D3000 has unique features that provide superior warewashing results with tight control of product usage.

- Self-learning detergent feed algorithm maintains detergent set point under varying conditions
- PulseDrive conductivity measurement circuit resists effects of probe scaling
- Temperature compensation option
- Initial detergent charge triggered by rinse duration provides good results in probeless mode
- Variable rinse speed and timed options provide spot free dishware
- Low level alarm input option ensures customer promptly replaces empty product containers
- Basic data logging of racks and drains (conductivity mode)

### EASE OF INSTALLATION AND MAINTENANCE

The D3000 is designed to reduce installation and maintenance time.

- Easy set up with Uniview programmer
- Optional potentiometer controls provide flexibility
- Individual product prime switches
- Indicator for power dosing and depletion
- Standard SnapHead™ pump cartridges
- Optional third pump

### Pays for Itself

- Flexible configuration
- Ease of installation
- Simple to maintain
- Easy to program

# SPECIFICATIONS

## SIZE

### MAIN/AUXILIARY PUMP ENCLOSURE

Height: 5.4 in / 13.72 cm  
Width: 5.4 in / 13.72 cm  
Depth: 5.7 in / 14.48 cm  
Weight: 1.8 lbs / 0.82 kg (with cartridge)

## ENCLOSURE MATERIAL

Flame retardant ABS

## AMBIENT OPERATING TEMPERATURE

36° to 122° Fahrenheit (2° to 50° Celsius)

## PUMPS

Detergent: 15-150ml/min, 0.5-5.1 oz/min  
Rinse: 4-18ml/min, 0.14-0.6 oz/min  
Extra 3rd Pump Option

## ELECTRICAL REQUIREMENTS

Conductivity probe	K=0.4
Conductivity range	660 to 12,800 microS @25°C
Voltage and current	24VAC, 1 amp max
Alarm indicator	Red Flashing LED & audible
Depletion alarm output	24V DC @30 mA
Depletion alarm input	Volt free
Audible alarm	Set by Uniview
Programming controls	Uniview or potentiometers
Indicators	LED green and red
Regulatory approval	CE
Data logging	0-2,400,000 racks

## INSTALLATION KIT (INCLUDED)

Installation kit includes 5 feet of clear 0.75" I.D. PVC tubing and mounting hardware.

## HOW TO ORDER

Code #	Description
1209563	D3202, 2 pumps with 1/4T noroprene detergent, 1/8T flex rinse tube fittings, with full installation kit and 2 internal transformers
1209564	D3102R, 1 pump, 1 solenoid with 1/8T flex rinse tube fittings, with full installation kit and 2 internal transformers
1209565	D3303, 3 pumps with 1/4T noroprene detergent, 1/8T flex rinse tube fittings, with full installation kit and 2 internal transformers

1209566	D3203SR, 2 pumps, 1 solenoid with 1/4T noroprene sanitizer, 1/8T flex rinse tube fittings, w/full installation kit and 2 internal transformers
1209808	D3202 2 pumps with 1/4T noroprene detergent, 1/8T flex rinse tube fittings, with full installation kit and 2 external transformers (packed separately w/unit)
1209840	D3203SR, 2 pumps, 1 solenoid with 1/4T noroprene sanitizer, 1/8T flex rinse tube fittings, with full installation kit and 2 external transformers (packed separately w/unit)
1209841	D3303, 3 pumps with 1/4T noroprene detergent, 1/8T flex rinse tube fittings, with full installation kit and 2 external transformers (packed separately w/unit)
1209843	D3102R, 1 pump, 1 solenoid with 1/8T flex rinse tube fittings, with full installation kit and 2 external transformers (packed separately w/unit)
1209567	D3000, sanitizer auxiliary box with installation kit (097114)

All units come with 1/4" tube fittings for detergent and 1/8" tube fittings for rinse, except where indicated otherwise. Solid powder detergent injection fittings are included in bowl install kits. Full kits include standpipes, transport tubing, and probe wire. Uniview is to be ordered separately.

## SPARE PARTS

Code #	Description
E070027	Uniview Programmer
5174835	PCB Assembly
1209662	Transformer, external, 115/230V, 24V w/fused terminal block
E066051	Solenoid valve repair kit
1210920	Transformer internal

## INSTALLATION ACCESSORIES

Code #	Description
1208912	Installation kit, D3202, full, w/concen
1208913	Installation kit, D3102R, full
1208914	Installation kit, D3303
1208915	Installation kit, D3203SR