



D3000

D3000 brings you:

- Flexible Configuration
- Ease of Installation
- Simple to Maintain
- Easy to Program



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 probe less.

The D3000 has replaced the existing NS-500, NS-1000E and H-3000E with a single unit yet it still retains the security and flexibility of the previous range. 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.

Warewashing Chemical Dispensing System

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

Specification

Size

Main Pump Enclosure (Height, Width, Depth)	138 x 137 x 145mm 5.4 x 5.4 x 5.7 in
Auxiliary Pump Enclosure (HWD)	138 x 137 x 145mm 5.4 x 5.4 x 5.7 in
Enclosure material	Flame Retardant ABS
Ambient Operating Temperature	2°C/36°F to 50°C/122°F
Weight	0.8Kg/1.8 lbs. with cartridge

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

D3000 System with Kit (Parts for Europe Middle East and Africa)

Unit Description	Code No
D3000 C 2 Pump D42	1207340
D3000 C 2 Pump D44	1207341
D3000 T 2 Pump	1207337
D3000 Circuit Board	1208148
Cartridge 150ml Norprene 6/6m	1208758
Cartridge 20ml D-Flex 6/4mm	1208362
Motor Gearbox SnapHead Small	51351
Non Return Valve 4mm	65348
Connector Elbow Detergent SST 6mm	67741
Probe D42 Plug-In Type k=0.4	35395
Transformer 230VAC/23vAC 12vA	66135

D3000 System with Kit (parts for North America, South America, Central America and Asia Pacific)

Unit Description	Code No
D3202, 2 pumps with 1/4" T Norprene detergent, 1/8" T Flex rinse fittings with full installation kit and 2 internal transformers	1209563
D3102R, 1 pump, 1 solenoid with 1/8" T Flex rinse fittings with full installation kit and 2 internal transformers	1209564
D3303, 3 pumps with 1/4" T Norprene detergent, 1/8" T Flex rinse tube fittings with full installation kit and 2 internal transformers	1209565
D3203SR, 2 pumps, 1 solenoid with 1/4" T Norprene sanitizer, 1/8" T Flex rinse tube fittings with full installation kit, 2 internal transformers	1209566
D3000 Sanitizer Aux Box with installation kit	1209567



Beta Technology
2841 Mission Street
Santa Cruz • CA
U.S.A. • 95060-2142

TEL • 831 • 426 • 0882
TEL • 800 • 858 • 2382
FAX • 831 • 423 • 4573
FAX • 800 • 221 • 8416

<http://www.beta-technology.com>
sales@beta-technology.com