

UMP DIGITAL PLUS

Advanced Warewash Control Systems



KEY FEATURES

- Large Display
- Quick Squeeze Tube Access With Faceplate Thumbscrews
- Auto Voltage Sensing Power Supply (90-270v)
- Pre-wired Probe lead, Signal, and Power.
- Auto-switches from Probe to Probe-less If Fault Detected
- Change Wash Water Alarm
- Inductive Probe Option
- Multi-Language Display.
- Optional Plug-In Rinse
- Pressure Switch.
- Install Kit Included.

The UMP Digital Plus dispenser is the controller of choice for high temp or low temp dish machines, conveyor or door-type machines, using dry or liquid detergents, and will maintain accurate feeds in either probe or probe-less mode.

The UMP Digital Plus comes out of the box wired and ready to connect. Most installs can be done without opening the cabinet. The auto-sensing power supply can connect to any power source within the range of 90 volts to 270 volts without a transformer. Detergent and rinse signals from 24 volts to 480 volts are acceptable.

The large display is easy to read at a distance. The menu keys are oriented for quick, one-handed use.



Works with conductive or an inductive probe for hard water and/or heavy soil load conditions. Thumbscrews on the pump faceplates allow for quick squeeze tube maintenance. The optional plug-in rinse pressure switch eliminates troublesome electrical connections when rinse signals are not easily accessible.



*Inductive Probe (far left)
and Conductive Probe*

Trusted solutions. Cleaning made simple.

ELECTRICAL

- Auto-switching power supply (90-270v).
- Signal Voltage: 24-480V
- 7 Conductor signal/power wire installed (15ft.).
- Probe wire installed (12 ft.).
- On/Off switch
- Low level sensor connections (3 products).
- Display changes color to red in alarm mode.
- Auto-switches from probe to probeless mode when probe is fouled or faulted.

PROGRAMMING

- Multiple languages (English, Spanish, French, German, Mandarin)
- Programmable digital password
- Easy, navigable menu
- Editable display
- Resettable rack counter
- Squeeze tube life alarm
- Change wash tank water alarm
- 5 digit rack counter

Ask about our service, installation, and maintenance program

SIM GROUP



UMP DIGITAL PLUS MODELS

Model #	Description
Liquid Detergent Models	
7418200-01	UMP-200L Digital Plus, Liquid Detergent & Rinse
7418300-01	UMP-300L Digital Plus, Liquid Detergent, Rinse & Sanitizer
Dry Detergent Models	
7418200-02	UMP-200D Digital Plus, Dry Detergent & Liquid Rinse
7418300-02	UMP-300D Digital Plus, Dry Detergent, Liquid Rinse & Sanitizer
Accessories	
7005190	Probe, Conductive P120S Connectors and Ring Terminals
7006180	Probe, Conductive Bp-100 Bayonet with gasket, nut and connectors
1600709-1	Kit, Probe, Inductive, 25 Feet 0-20mS (RS232)
7110225	20" Low Level Alarm probe with sensor and suction tube (5 gal/10L)

INDUCTIVE PROBE DETAILS

Inductive Probes read chemical concentration levels by casting a magnetic field from two charged coils that is encapsulated in PVC. This allows Inductive Probes to provide consistently accurate and reliable chemical concentration without the worries of failure or undue service calls due to hard water scaling or galvanic corrosion. Inductive Probes also have a built in temperature sensor that allows the probe to always have consistent conductivity readings even if the wash tank.

Inductive Probe recommended for:

- Extreme hard water conditions
- Inconsistent temperature in the wash tank
- Heavily soiled conditions
- Heavily oiled or greasy conditions
- Kitchens where the wash tank is not drained as often as it should be

Advantages

- Accurate detergent concentration readings
- Built in temperature compensation for accurate and consistent conductivity readings
- Unaffected by soiled water conditions
- Unaffected by hard water scaling
- No worries of corrosion
- Does not need to be cleaned
- Less maintenance and servicing