

KNIGHT®

UMP Digital Plus

Warewash Solutions



Inductive Probe



Conductive Probe

KEY BENEFITS:

- 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.

Reliable: Knight LLC and our UMP Digital line of warewash dispensers have a prestigious lineage of innovation and reliability. With the introduction of the next generation of UMP Digital Plus dispensers, Knight brings a refresh to the line which adds many new features and a redesign of the case for added strength and durability. With our focus on “Trusted Solutions, Making Cleaning Easy”, the new features will greatly reduce installation time, bring more consistent results in the always varying warewash environment, and make service and programming changes easy.

Versatile: The UMP Digital Plus dispenser is the controller of choice for high temp or low temp dishmachines, conveyor or door-type machines, using dry or liquid detergents, and will maintain accurate feeds in either probe or probe-less mode. The large display is easy to read at a distance. The menu keys are oriented for quick, one-handed use. A choice of conductive or an inductive probe for hard water and/or heavy soil load conditions.

Easy-To-Use: 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 be connected to any power source within the range of 90 volts to 270 volts (no transformers). Detergent and rinse signals 24 volts to 480 volts are acceptable. Thumbscrews on the 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.

TRUSTED SOLUTIONS, MAKING CLEANING EASY...



Electrical Features

- Auto-switching power supply (90-270v).
- 7 Conductor signal/power wire installed (15ft.).
- Probe wire installed (20ft.).
- On/Off switch
- Low level sensor connections (3 products).
- Display changes color to red in alarm mode.
- Auto-switches from probe to probe-less mode when probe is fouled or faulted.

Programming Features

- 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

UMP Digital+ includes installation kit (conductive probe, check valve, bulkhead fitting, tubing, and pickup stick. Liquid detergent pumps: 8 oz/min, 100 RPM, T-50 squeeze tube. Liquid rinse pumps: 0.1 oz - 1.5 oz./min, 15 RPM, T-53 squeeze tube.

Part Number	DESCRIPTION
7418200-02	UMP Digital+ 200D (D-L), solenoid and liquid rinse pump
7418200-01	UMP Digital+ 200L (L-L), liquid detergent and liquid rinse pumps
7418300-02	UMP Digital+ 300D (D-L-L), solenoid, liquid rinse, liquid sanitizer pumps
7418300-01	UMP Digital+ 300L (L-L-L), liquid detergent, rinse, and sanitizer pumps

Accessory Kits

7035270	Power Bowl, Powders/Solids, Brass Vacuum Breaker, w/ Accy Kit
7035278	Solid Rinse Dispenser w/ Brass Vacuum Breaker
7130121	Stainless Steel Gallon Bottle Rack
xxxxx25	Transformer, Step Down 480V to 220V Single Phase
1600709-1	Inductive Probe Kit with 25ft cable length (20ms)
7005190	Conductive Probe, P120S (replacement kit)
7006180	Conductive Probe, BP-100 Bayonet (replacement kit)
7366049	20" Low Level Alarm Probe with Sensor for 1 or 5 gal containers
xxxxx25	T-50EP Plus, PK-10 Tube Assy w/ Barbs
xxxxx26	T-53EP Plus, PK-10 Tube Assy w/ Barbs

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