

UMP SERIES

Warewash Control Systems

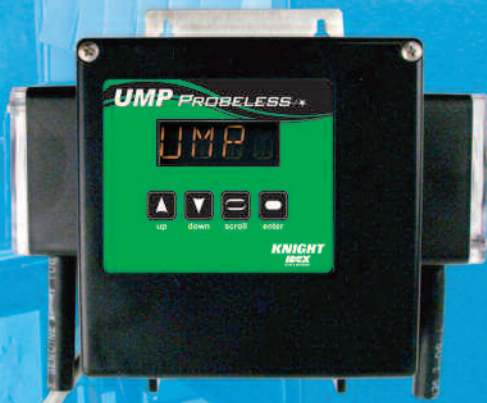
The UMP Series offers the most comprehensive and versatile line of warewash control. With a proven history of durability and reliability, the UMP Series now adds digital technology and a fresh new look. The new generation of UMP offers a digital menu that simplifies operation and installation. The platform also offers specialized ready to use models to facilitate installation whether you need probe or probeless. For further customization, just ask your Regional Sales Manager how Knight can help you grow.



UMP Digital



UMP AutoSense



UMP Probeless



UMP Classic

- 4 products offered for maximum application and price flexibility
- Component interchangeability with original UMP and Micro-Pro series dispensers
- **UMP Digital:** Premiere digitally programmable unit offers probe, probeless, and autosense functionality.
- **UMP AutoSense:** The first digital probe warewash unit that is pre-configured with a probe designed to operate without a requirement for a detergent signal.
- **UMP Probeless:** Digital warewash unit that is pre-configured to operate in probeless mode
- **UMP Classic:** Versatile analog warewash unit with both probe or probeless functionality

KITCHEN SYSTEMS

UMP Model Feature Comparison

	Mode	Discharge Type	Digital	Analog	Rinse Speed (0-100%)	Rinse Limit (0-30s)	Rinse Delay (0-14s)	Initial Charge	Recharge	Recharge After n Racks (1-20)	Concentration (0-100K)	Alarm Delay (0-512s)	Password	Language	Reset Rack Count	Low Level Alarm for det. /rinse	Prime Function	Mute Function	Rack Count		
UMP Digital	Probe	Door	●		●	●	●				●	●	●	●	●	●	●	●	●	●	
		Conveyor	●		●						●	●	●	●	●	●	●	●	●	●	●
	Probeless	Door	●		●	●	●	0-150s	0-30s	●			●	●	●	●	●	●	●	●	●
		Conveyor	●		●			0-128s	0-10s	●			●	●	●	●	●	●	●	●	●
AutoSense	Door	●		●	●	●						●	●	●	●	●	●	●	●	●	
	Conveyor	●		●								●	●	●	●	●	●	●	●	●	
UMP AutoSense	AutoSense	Door	●		●	●	●					●	●	●	●	●	●	●	●	●	
		Conveyor	●		●							●	●	●	●	●	●	●	●	●	●
UMP Probeless	Probeless	Door	●		●	●	●	0-150s	0-30s	●			●	●	●	●	●	●	●	●	
		Conveyor	●		●			0-128s	0-10s	●			●	●	●	●	●	●	●	●	●
UMP Classic	Probe	Door		●	●	●	●					●	●					●			
		Conveyor		●	●							●	●					●			
	Probeless	Door		●	●	●	●	0-60s	0-10s										●		
		Conveyor		●	●			0-128s	0-10s										●		

Digital Benefits & Features

UMP Digital, UMP Probeless, UMP AutoSense

- Easy to program digital menu
- Multi-language including English, Spanish, French, German, Dutch, Italian and Polish
- Password protected
- Rack count functionality
- Numeric variable speed, rinse limit, rinse delay, and alarm delay
- Precise and accurate digital settings
- No need to open the unit to set the controls
- Reduced training and installation times
- Durable, water resistant plastic case
- New, extended life circuit board design and pump motors for maximum reliability
- Customizable menu configuration with C.S.S.

Customer Simplicity Service

Simplicity and versatility are further enhanced by the addition of digital features. Each digital model now comes with program customization options through Knight's Customer Simplicity service. Please contact your regional sales manager for more information.

UMP DIGITAL

UMP Digital is the premiere digitally programmable warewash control system.

- Complete functional flexibility
- Versatile to any warewash needs
- Easy and simple installation
- Digital menu and settings
- Comprehensive features
- Probe, Probeless, or AutoSense

UMP AUTOSENSE

Pre-configured with a probe designed to operate without a requirement for a detergent signal.

- Ready to go right out of the box
- Anyone can install it, just plug it into the wall with an optional plug
- Digital menu and settings
- Optional remote pressure kit
- Value priced

UMP PROBELESS

Digital warewash unit that is pre-configured to operate in probeless mode.

- Quick and simple installation
- Digital menu and settings
- Probeless
- Full line of features
- Value priced

UMP CLASSIC

The UMP Classic is Knight's traditional warewash unit.

- Analog controls
- Versatile to warewash needs
 - Probe or Probeless
 - Liquid or dry detergent
- Proven history of reliability and durability
- New, extended pump motors

ORDERING INFORMATION

UMP Series

Model	Part Number	Description	
UMP DIGITAL			
UMP DG-100 L	7162900-E7	UMP Digital with KP-500 (7.7 oz)(227 ml.) Pump for Liquid Detergent	115/208/230V 50/60Hz
UMP DG-100 D	7162905-E7	UMP Digital with Water Solenoid for Dry Detergent	115/208/230V 50/60Hz
UMP DG-200 L	7162910-E7	UMP Digital with KP-500 (7.7 oz)(227 ml.) Pumps for Liquid Detergent and Rinse	115/208/230V 50/60Hz
UMP DG-200 D	7162915-E7	UMP Digital with KP-500 (7.7 oz)(227 ml.) Pump for rinse and a Water Solenoid for Dry Detergent	115/208/230V 50/60Hz
UMP PROBELESS			
UMP PPR-100 L	7162900-PE	UMP Probeless with KP-500 (7.7 oz)(227 ml.) Pump for Liquid Detergent	115/208/230V 50/60Hz
UMP PPR-100 D	7162905-PE	UMP Probeless with Water Solenoid for Dry Detergent	115/208/230V 50/60Hz
UMP PPR-200 L	7162910-PE	UMP Probeless with KP-500 (7.7 oz)(227 ml.) Pumps for Liquid Detergent and Rinse	115/208/230V 50/60Hz
UMP PPR-200 D	7162915-PE	UMP Probeless with KP-500 (7.7 oz)(227 ml.) Pump for rinse and a Water Solenoid for Dry Detergent	115/208/230V 50/60Hz
UMP AUTOSENSE			
UMP AS-100 L	7162900-AE	UMP AutoSense with KP-500 (7.7 oz)(227 ml.) Pump for Liquid Detergent	115/208/230V 50/60Hz
UMP AS-100 D	7162905-AE	UMP AutoSense with Water Solenoid for Dry Detergent	115/208/230V 50/60Hz
UMP AS-200 L	7162910-AE	UMP AutoSense with KP-500 (7.7 oz)(227 ml.) Pumps for Liquid Detergent and Rinse	115/208/230V 50/60Hz
UMP AS-200 D	7162915-AE	UMP AutoSense with KP-500 (7.7 oz)(227 ml.) Pump for rinse and a Water Solenoid for Dry Detergent	115/208/230V 50/60Hz
UMP CLASSIC			
UMP CL-100 L	7162815-E7	UMP Classic with KP-500 Pump (7.7 oz)(227 ml.) for Liquid Detergent	115/208/230V 50/60Hz
UMP CL-100 D	7162805-E7	UMP Classic with Water Solenoid for Dry Detergent	115/208/230V 50/60Hz
UMP CL-200 L	7162810-E7	UMP Classic with KP-500 (7.7 oz)(227 ml.) Pumps for Liquid Detergent and Rinse	115/208/230V 50/60Hz
UMP CL-200 D	7162815-E7	UMP Classic with KP-500 (7.7 oz)(227 ml.) Pump for rinse and a Water Solenoid for Dry Detergent	115/208/230V 50/60Hz

KNIGHT LIMITED WARRANTY

Knight controls and pump systems are warranted against defects in material and workmanship for a period of ONE YEAR. All Electronic Control Boards have a TWO YEAR warranty. Warranty applies only to the replacement or repair of such parts when returned to the factory with a KRA number, freight prepaid and found to be defective upon factory inspection. Rubber and synthetic rubber parts such as "O" rings, diaphragms, squeeze tubing and gaskets are considered expendable and are not covered under warranty. Warranty does not cover liability resulting from performance of this equipment nor the labor to replace this equipment. Product abuse or misuse voids warranty. Knight products are not for use in potentially explosive environments. Any use of our equipment in such an environment is at the risk of the user. Knight does not accept any liability in such circumstances.

KNIGHT DISCLAIMER

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