OP Hospitality

Economical Laundry Dosing System for On-Premise Washers

The laundry chemical dispensing market is ever evolving with the changing cleaning demands and competitive economic requirements. Knight has designed an On-Premise chemical dispenser that meet these demands, and offers various options to adapt various configurations to fit your laundry facility needs. The OP Hospitality offers 30 formula capability, 3 to 6 pumps, and 16.9 oz/min (500 ml/min) peristaltic pumps. The modular dispenser offers a wide range of flexibility with the options for flush, formula selector, and internal or external SIB.

"Simply Delivering More, for Less"

- 30 wash formula capability
- 3 to 6 pump options
- 16.9 oz/min (500 ml/min) peristaltic pump
- Optional flush manifold
- Optional formula selector
- Programmable: drain mode, signal mode, relay mode
- Three levels per wash formula

- Auto formula select
- Digital screen programming
- Modular components
- Internal or external SIB options
- Multi-voltage 115/208/230 VAC
- Long lasting Super EPDM tube
- Easy servicing components

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OP Hospitality Components

The OP Hospitality is designed for the cost conscious on-premise laundry accounts where customers require value, reliability, and performance. The flexible laundry dispenser incorporates new planetary gear pumps and a modular design. The OP Hospitality has various configurations and options that offer the flexibility to cater your particular application. With its modular design and the new pump wire channel, the system can be easily modified and serviced in the field.

6 Product OP Hospitality with flush

Optional formula selector

External or internal SIB Options (External Shown)

Flush Solenoid

Modular manifold (set of 2 chemicals per manifold module)

Main housing controls with digital programming

Pump wire channel

Modular pump modules with easy to service wear parts. (Super EPDM as standard peristaltic tubing)

Up to 6 pumps
16.9 oz/min (500 ml/min)

Peristalitc Pump Modules

The OP Hospitality operates with a new, compact, modular pump module. Each pump module is individually encased and consists of two main parts: the motor housing and the snap off roller block. This design simplifies servicing and reduces inventory sku's. Replacing wear parts can be done in seconds without the need for tools.

- 16.9 oz/min (500 ml/min)
- Planetary gear for stronger torque
- Long life motor
- Long lasting Super EPDM tube
- Toolless roller block housing removal

Peristaltic Pump Module

New, longer lasting Super EPDM peristaltic tube is standard on the pump module.
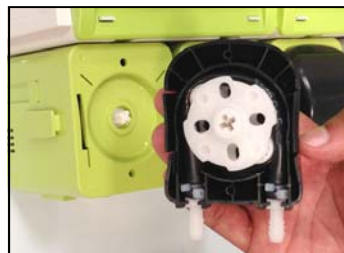
Features and Benefits

The OP Hospitality offers digital programming at the main control housing

The pump wire channel allows for quick pump changes and easy routing of the pump wires to the control board in the main housing.

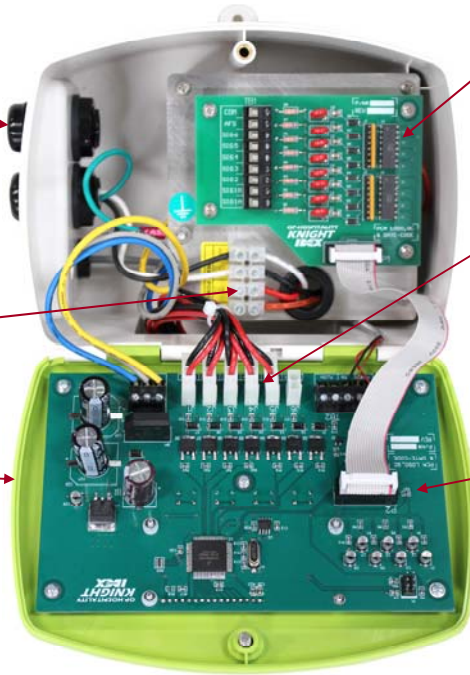The roller block snaps off from the pump module to allow for quick, toolless tube replacement.

Select washer formula automatically by washer trigger signal or with the optional formula selector for manual operator input

Internal Components

Side Wiring
Easy wiring into the main housing through the side. (Power cord, signal wire, formula selector wiring, and external SIB)

Multi-Voltage
Low voltage connection
115/208/230 VAC 50/60 Hz

Easy to access case design
Fold down front panel for easy circuit board access

SIB
Models with internal or external SIB (internal SIB shown)

Pump Connections
The pump are easily connected to the main board using the easy access wiring channel to route through the bottom of the main housing.

Circuit Board
6 pump capable
Flush connection
Formula selector connection

Programming Features

The OP Hospitality offers a wide range of programming features to facilitate the most basic single formula on-premise laundry (opl) to an extensive 30 formula, multi-level on-premise laundry dispenser to wash a wide array of soiled laundry. The programming is done on a brightly lit 2 x 16 digital screen on the main housing with an optional formula selector for the laundry operator to use.

- 30 wash formula capability
- Three levels per wash formula
- Programming: drain mode, signal mode, and relay mode
- Auto formula select with signal qualifier
- Load count by formula
- Signal Mode: one to one, assigned step, assigned signal
- Password protected
- Optional laundry user remote allows for convenient formula select

Features	OP Hospitality	OP Pro	OP Pro Global	OP Elite
Number of Formulas	30	8	30	100
Dispenser ID			●	●
Access Code	●	●	●	●
Date and Time			●	●
Auto Formula Reset	●		●	●
Auto Formula Select	●	●	●	●
Bleach Defeat			●	●
Soft Defeat			●	●
Signal Lockout	●	●	●	●
System Lockout	●	●	●	●
Flush Mode	●	●	●	●
User Access Code	●		●	●
Chemical Names			●	●
Chemical Costs			●	●
Formula Names	●		●	●
Formula Weight			●	●
Shift Times			●	●
Operating Zone			●	●
Calibrate pumps	●	●	●	●
Prime Pumps	●	●	●	●
Formula Programming	●	●	●	●
Computer Interface (Reporting)			●	●
Normal Signal Mode	●	●	●	●
Relay Mode	●	●	●	●
Drain Mode	●	●	●	●
Soil Mode			●	●
Receive Setup From Another Dispenser			Cable	USB
Signal Mode: One to One	●	●	●	●
Signal Mode: Assigned Step	●		●	●
Signal Mode: Assigned Signal	●		●	●
Digital Display	●		●	●
Analog Display		●		
Maintenance Information				●
PC Programming			●	●
Formula Scaling				●
Diagnostics				●
Flow Meter (Proof of flow)				●
Help Screens				●

ORDERING INFORMATION

OP Hospitality

Features Include: Main housing include programming controls with 30-formula capability, drain mode, signal mode, relay mode, flush mode, personalized access code, built-in load counter, variable signal input voltage, and automatic calibration.   Units are installed with 16.9 oz/min (500 ml/min) pump with Super EPDM tubing. 115/208/230 VAC, 50/60 Hz operation.

Part Number	Model	Description
6060503	OP Hosp-503	OP Hospitality 3 product dispenser, w/ pumps (24 VDC), 16.9 oz/min (500 ml/min), w/ internal SIB
6060504	OP Hosp-504	OP Hospitality 4 product dispenser, w/ pumps (24 VDC), 16.9 oz/min (500 ml/min), w/ internal SIB
6060505	OP Hosp-505	OP Hospitality 5 product dispenser, w/ pumps (24 VDC), 16.9 oz/min (500 ml/min), w/ internal SIB
6060506	OP Hosp-506	OP Hospitality 6 product dispenser, w/ pumps (24 VDC), 16.9 oz/min (500 ml/min), w/ internal SIB
6060503-E	OP Hosp-503E	OP Hospitality 3 product dispenser, w/ pumps (24 VDC), 16.9 oz/min (500 ml/min), w/ external SIB
6060504-E	OP Hosp-504E	OP Hospitality 4 product dispenser, w/ pumps (24 VDC), 16.9 oz/min (500 ml/min), w/ external SIB
6060505-E	OP Hosp-505E	OP Hospitality 5 product dispenser, w/ pumps (24 VDC), 16.9 oz/min (500 ml/min), w/ external SIB
6060506-E	OP Hosp-506E	OP Hospitality 6 product dispenser, w/ pumps (24 VDC), 16.9 oz/min (500 ml/min), w/ external SIB

REMOTE FORMULA SELECTOR

Part Number	Description
6326104	OP Hospitality Formula Selector (optional)

Choose if you want a power cord option

Part Number	Description
6326102	20 ft Power Cord (optional)

OP Hospitality dispenser and options

Features Include: Main housing include programming controls with 30-formula capability, drain mode, signal mode, relay mode, flush mode, personalized access code, built-in load counter, variable signal input voltage, and automatic calibration.   Units are installed with 16.9 oz/min (500 ml/min) pump with Super EPDM tubing. 115/208/230 VAC, 50/60 Hz operation.

Part Number	Model	Description
6060500	OP Hosp-50X	OP Hosp base unit, w/o SIB, w/o pumps

SIB OPTIONS

Part Number	Description
6326101	Internal SIB
6326103	External SIB module w/ 25 ft. cable

REMOTE FORMULA SELECTOR

Part Number	Description
6326104	OP Hospitality Formula Selector (optional)

PUMP OPTIONS

Part Number	Description
6326020	Peristaltic pump assembly (24 VDC) w/ Super EPDM tube, 16.9 oz/min (500 ml/min)

FLUSH MANIFOLD OPTIONS—Select from the list of manifolds (optional)

Part Number	Description
6326016-04	3 & 4 port flush manifold w/ 1/4″ EPDM check valves, w/ solenoid valve, 24 VDC
6326016-06	5 & 6 port flush manifold w/ 1/4″ EPDM check valves, w/ solenoid valve, 24 VDC

Select optional items for your manifold

7407117	Pressure Regulator (brass, fixed, 45 PSI) + fittings
7117177	European/Asia Pressure Regulator fixed 45 PSI

Choose if you want a power cord option

Part Number	Description
6326102	20 ft Power Cord (optional)

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