

On-Premise Plus

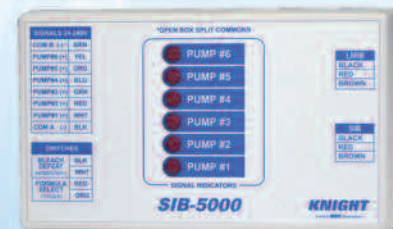
Laundry Chemical Dispensing

The On-Premise Plus, with its operator friendly eight formula remote control, provides unparalleled flexibility and economy. With a choice of 1, 2, 3, 4, 5 or 6 pump dispensers, the On-Premise Plus is the market's greatest advance in laundry chemical control. Ease of service and installation is a reality with On-Premise Plus. Simple cable connections, convenient accessibility to internal wiring, and intuitive programming control gets you up and going quickly, and onto your next account.



On-Premise Plus
Remote Control

SIB Washer
Interface Module



On-Premise Plus 6
Pump Dispenser



- For On-Premise washers with up to 175 lb (80 kg) wash load capacity
- 6 chemical capability
- 10 oz/min (300 ml/min) or optional 20 oz/min (600 ml/min) peristaltic pumps
- Standard 8 or optional 16 and 20 wash formula remote control with protected access code
- Multiple product volumes per wash formula
- Low voltage interface module
- Multi Voltage 115/208/230 VAC
- Optional built-in flush manifold
- Programming: drain mode, signal mode, relay mode

KNIGHT

IDEX
FLUID & METERING

LAUNDRY SYSTEMS

On-Premise Plus® Laundry Chemical Dispenser

The On-Premise Plus is the laundry industries most feature packed and adaptable dispenser for laundry machines in the 35 lb. - 175 lb. category. The multiple formula remote control provides 8 user selectable wash formulas for dosing a variety of laundry soils. The "OPP" includes a low voltage Washer Interface Module that connects directly to the washers and triggers the dispenser to deliver chemical at the correct interval. This versatile system adapts to the need of your customers. With over 10,000 systems installed around the globe, the On-Premise Plus is proven technology you can rely on!



1 and 2 Product Liquid and Solid Laundry Chemical Dispenser

Versatility that Fits Today's On-Premise Laundry

Whether you need a laundry chemical dispenser for restaurant linens, shirt laundry, hotel laundry or other on-premise laundry applications, the versatility of the On-Premise Plus makes it the right choice for any operation. With interchangeable remote control options, you have more flexibility than ever. You can use On-Premise Plus with its standard On-Premise Plus remote, or get additional system capabilities with a Multi-Flow™ or Knight-Trak™ Remote Control.



On-Premise with OP-Plus Remote

Small on-premise accounts typically don't need more than 8 wash formulas. These accounts would be restaurants, motels, hospitals, nursing homes, car wash stations, and so on.

The On-Premise Plus with the standard On-Premise Plus remote will properly service these small accounts. The system's simple remote control is intuitive and easy to use. You'll get 8 wash formulas with dual volumes per formula, protected access codes and drain mode pump signaling.



On-Premise with Multi-Flow Remote

Medium size accounts such as shirt laundries or hotels with laundry service typically need more than 8 wash formulas. The On-Premise Plus with a Multi-Flow remote control offers 16 wash formulas, adjustable automatic formula select, bleach defeat, product lockout function and more.

Furthermore, the Multi-Flow remote control has a "Time-Saver" programming feature that allows a programmed setting to be copied from one dispenser to another via a plug-in network cable.



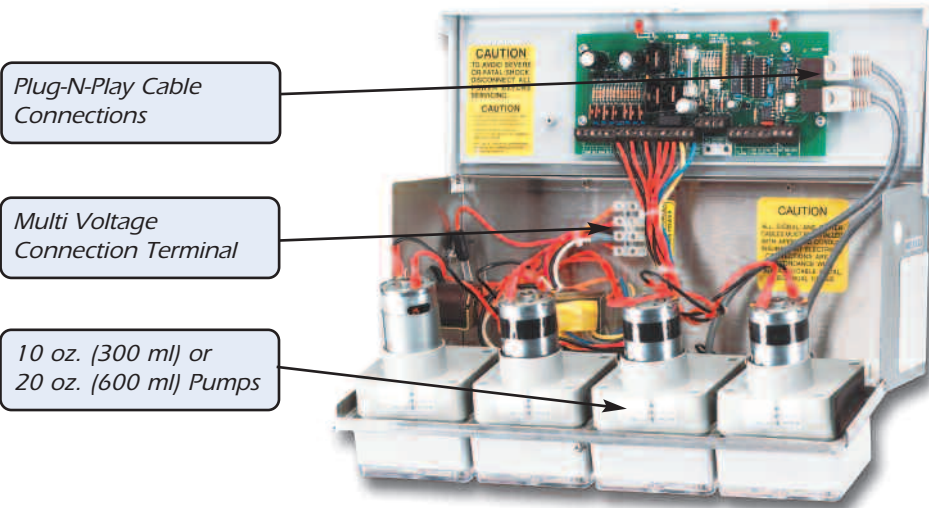
On-Premise with Knight-Trak Remote

For commercial laundry services, accurate cost reporting and data management are critical to the success of the business. On-Premise Plus with Knight-Trak Control allows these operations to connect small washers to an existing Knight-Trak Data Management Network System.

The Knight-Trak control offers 20 wash formulas, detailed data management report capability, remote PC or laptop dispenser programming, automatic formula select with signal qualifier, load count by formula, product lock-out function, much more.

Features & Benefits

We've made access to internal components quick and easy for excellent serviceability. The optional 20 oz. (600 ml) pump, combined with up to 8 wash formulas, gives you greater flexibility in serving a wide variety of laundry applications and washer sizes. The multi-voltage connection allows you to use one dispenser for both 115, 208 and 230 volt applications, saving you time and money.



Plug-N-Play Cable Connections

Multi Voltage Connection Terminal

10 oz. (300 ml) or 20 oz. (600 ml) Pumps

Easy Access Case Design

The fold down front panel and lid mounted circuit boards provide convenient and easy access to all internal wiring.

Field Proven Peristaltic Pumps

The On-Premise Plus Series has field-proven peristaltic pumps that use the highest quality squeeze tubes and gear motor – giving you accuracy and reliability you can put your money on.

On-Premise with Relay Interface Board

This economical On-Premise laundry system has a 4 and 6 channel Electro-mechanical Relay Interface Board that works with all microprocessor controlled washers. When your washer controls the dispensing functions, you SAVE!

The Relay Interface Board offers “flush with” activation. Built-in electro-mechanical “cube” relays isolate pumps from electrical noise and provide simple, reliable washer signal control with unlimited chemical injection flexibility.

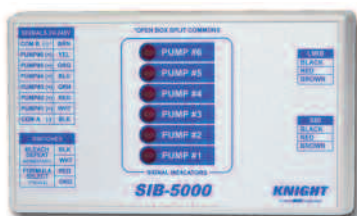
On-Premise Plus Remote Control

Programming the On-Premise Plus is a smooth process with the user friendly handheld remote. Easy to understand and operate, the unit offers up to 8 formulas with dual pump volumes and load counts per formula. The On-Premise Plus remote control mounts to the front of the washer in a stainless steel holster, right where the operator needs it most. Its 8 formula capability provides greater control of chemical costs with better wash results over a wide range of soil loads. A personal access code protects all formulas already programmed into the system.

Pump Volume Display

Pump Flush Indicator

Formula Display



SIB Washer Interface Module

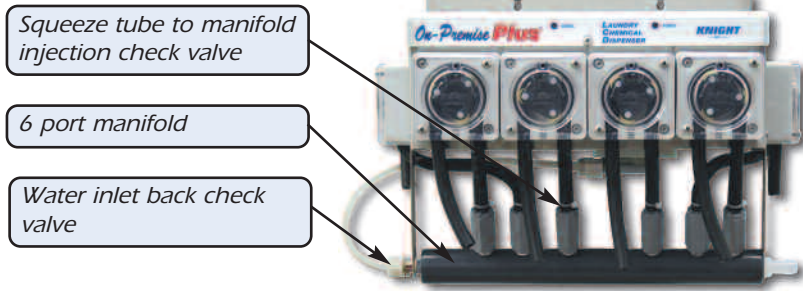
Washer Interface Module

The SIB washer interface module was designed around the needs of the technician to provide maximum versatility and to make your job fast and easy! The SIB allows easy connection to any style washer. High Voltage signal outputs are reduced to a safe 12V to make wiring simple. The SIB washer interface module can be mounted in the washer or on the side of the pump dispenser.

Optional Flush Manifold

The Flush Manifold prevents washer corrosion and fabric chemical burn. The flush mode automatically activates and opens the system's built-in water solenoid when chemicals are dispensed into the manifold. A diluted flush is then provided to the washer through a single injection line. Chemicals can now be dispensed while protecting fabrics from shock. As an added precaution, built-in check valves prevent back-siphonage as well as cross-contamination of chemicals.

* **Optional Proof of Flow Switch Available**



ORDERING INFORMATION

On-Premise Plus Dispensing Systems

On-Premise Plus Dispensing System with Plug & Play Cable Connections!

Features Include: Plastic/stainless steel, water-tight case and cover w/ OP-500 Plus circuitry w/ 8-formula capability, drain mode, signal mode, relay mode, flush mode, flow switch input (3, 4, 5, & 6 pumps only), personalized access code, built-in load counter, washer interface module, variable signal input voltage, split common, automatic calibration and peristaltic pumps with tri-roller block. Standard 500 Series 10 oz/min (296 ml/min) pump. Optional 200 RPM 16 oz/min (592 ml/min) pump available, 115/208/230 V 50/60 Hz operation.

Model	Part Number	Description
OP-502 Plus	8050502	2 Product Liquid Dispenser w/Remote Control
OP-503 Plus	8050503	3 Product Liquid Dispenser w/Remote Control
OP-504 Plus	8050504	4 Product Liquid Dispenser w/Remote Control
OP-505 Plus	8050505	5 Product Liquid Dispenser w/Remote Control
OP-506 Plus	8050506	6 Product Liquid Dispenser w/Remote Control
OP 502X Plus	8662502	2 Prod Liquid Disp w/OP Plus Remote Control w/o Pumps
OP 504X Plus	8662504	4 Prod Liquid Disp w/OP Plus Remote Control w/o Pumps
OP 506X Plus	8662506	6 Prod Liquid Disp w/OP Plus Remote Control w/o Pumps
OP 502MX Plus	8662402	2 Prod Liquid Disp w/Multi-Flow Remote Control w/o Pumps
OP 504MX Plus	8662404	4 Prod Liquid Disp w/Multi-Flow Remote Control w/o Pumps
OP 506MX Plus	8662406	6 Prod Liquid Disp w/Multi-Flow Remote Control w/o Pumps
OP-506X Plus	8662706	OP-506X Plus w/SIB-6, w/LFP, w/o Pumps

On-Premise Plus Pump Options

Model	Part Number	Description
KP5110DCX	8155262	Peristaltic Pump, 10 oz/min (296 ml/min), 100 RPM, 24 VDC
KP5200DCX	8155362	Peristaltic Pump, 20 oz/min (592 ml/min), 200 RPM, 24 VDC

Note: One standard system is universal for all voltage ranges and frequencies.

On-Premise Plus Manifold Options

Model	Part Number	Description
OP-4 FM	8053004	4 port On-Premise case mount flush manifold
OP-6 FM	8053006	6 port On-Premise case mount flush manifold
FS-01	0600422	Flow switch kit

On-Premise Plus Solid Dispensing Systems

Features Include: Water-tight, thermoplastic case with hinged cover, OP Plus circuitry w/ 8-formula capability, drain mode, signal mode, relay mode, flush mode, personalized access code, built-in load counter, washer interface module, variable signal voltage, split common, automatic calibration, water solenoid valve (and/or peristaltic pump) 115/208/230 V 50/60 Hz operation.

Model	Part Number	Description
OP-501S	8050501-S	1 Product Solid Dispenser w/Remote Control
OP-502	8050502	2 Product Liquid Dispenser w/ Remote Control
OP-502LS	8050502-LS	2 Product Liquid & Solid Dispenser w/Remote
OP-502SS	8050502-SS	2 Product Solid / Solid Dispenser w/Remote

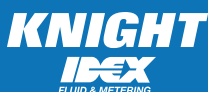
Note: One standard system is universal for all voltage ranges and frequencies.

KNIGHT LIMITED WARRANTY

Knights 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

The information and specifications included in this publication were in effect at the time of approval for printing. Knight, LLC, reserves the right, however, to discontinue or change specifications or design at any time without notice and without incurring any obligation whatsoever.



Knight Headquarters
Toll Free (800)854-3764
Tel (949) 595-4800
Fax (949)595-4801
www.knightequip.com

Knight Canada
Tel (905)542-2333
Fax (905)542-1536

Knight Europe
Tel +44(1323)514.855
Fax +44(1323)514.828

Knight Australia
Tel +61(02)4223.7450
Fax +61(02)4271.8136

Knight N. Asia
Tel +82(2)3481.6683
Fax +82(2)3482.5742

Knight S. Asia
Tel +65.9170.0984
Fax +65.6489.6723