

LS100 Series

Bringing venturi power to on-premise laundry

Introducing LS100, our latest on-premise laundry system with a unique feature – the unit uses water pressure to control chemical dosing. That means no moving parts, less wear and hundreds of thousands of doses before users even need to think about cartridge replacement.

Multi-machine solution

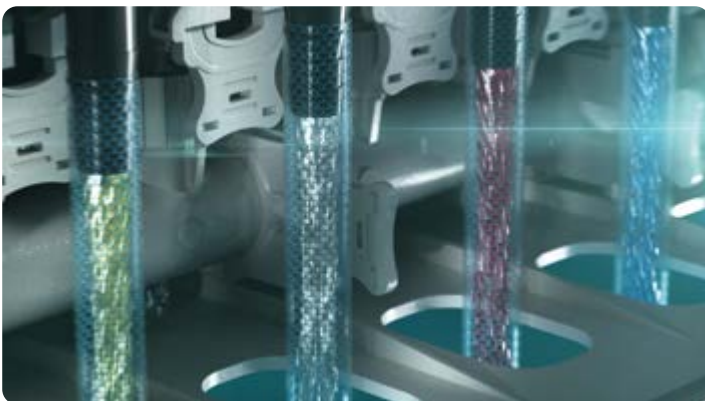
LS100 doses up to 10 chemicals in as many as four washers, making it perfect for OPLs of every size.

User-friendly controls

As well as an intuitive touchscreen display, LS100 includes an ergonomic formula selector.

Remote connectivity

LS100 can be operated via the SekoBlue app, which uses Bluetooth and Wi-Fi for remote management and data on demand.



Applications



OPL



Small Laundry

Connectivity



SekoBlue App

LS100

Bringing venturi power to on-premise laundry

Introducing LS100, our new venturi-based innovation that uses water pressure to control chemical dosing - a first for SEKO's laundry range. That means no moving parts, less wear and hundreds of thousands of doses before you even need to think about cartridge replacement. So as well as being precise and reliable, LS100 offers minimal maintenance requirement in even the busiest sites. That's the power of venturi.



Next-generation OPL dosing system

LS100 is the latest addition to SEKO's award-nominated laundry range, bringing data on demand and unprecedented operational efficiency to OPL dosing courtesy of SekoWeb and SekoBlue compatibility.

Offering dosing of as many as six chemicals at up to 1,300 ml/m, the modular LS100 system can be extended to accommodate a further four chemicals, making it ideal for growing businesses that want to expand their service without replacing their entire dosing system.

LS100 is delivered with a dedicated backlit formula selector unit and five-signal trigger interface, giving the operator complete command of their application.

Features

- Venturi-based dosing system designed for on-premise laundry applications
- Simple installation and low maintenance
- Dedicated SekoBlue Bluetooth app for programming and end-user interface
- Remote management via SekoWeb app and online platform
- 4.5" colour touchscreen display for real-time monitoring and programming
- Chemical tank monitoring
- Colour-coded chemical labels assist identification
- Four predefined dosing stages with four doses programmable per step
- Auto formula selection: binary and time based
- Relay mode functionality available
- Time-based statistics for chemical consumption, wash cycle and step activation and costs



Modularity, control and connectivity

LS100 doses up to 10 chemicals in as many as four washers, making it perfect for on-premise laundries of every size. It's modular, too, so you can easily add additional units as your laundry grows. Plus, as well as an intuitive touchscreen display and ergonomic formula selector, LS100 can be operated via our new SekoBlue app, which uses Bluetooth connectivity for remote dosing management and data on demand even when there's no Wi-Fi.



**Unleash
venturi power**

Specification

Power	100 - 240 Vac, 50 - 60 Hz
Flow rate (low)	650 ml/m
Flow rate (high)	1,300 ml/m
Pressure	Min 0.5 bar



Applications



OPL Washers



Small Laundry

Formula Selector

- 1.3" colour display
- Backlit toggle knob displays system status
- Magnet for fixing on metallic washer surface

Trigger Interface

- Up to five-signal input from 12 Vdc to 240 Vac
- Easy wiring inputs: Pre-Wash, Main-Wash (hot and cold), Spare and Rinse
- AFS signal with reset function



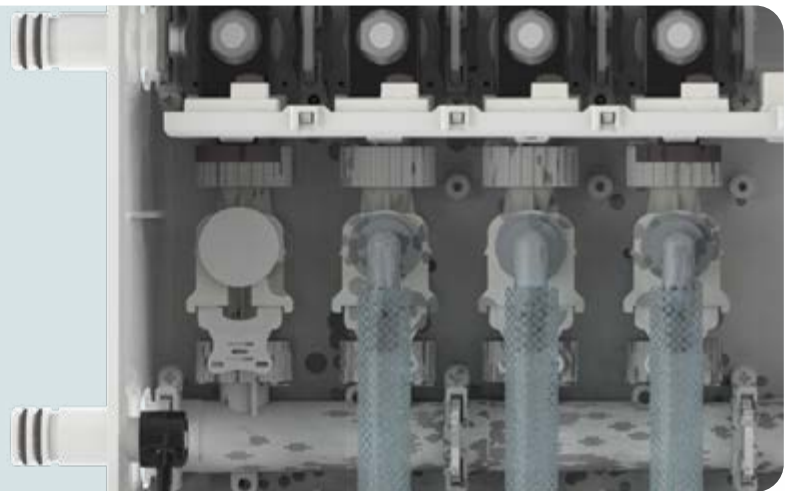
**Manage up to 10 chemicals
Connect up to 4 washers**



Double flowmeter option for auto-calibration function and proof of dosing

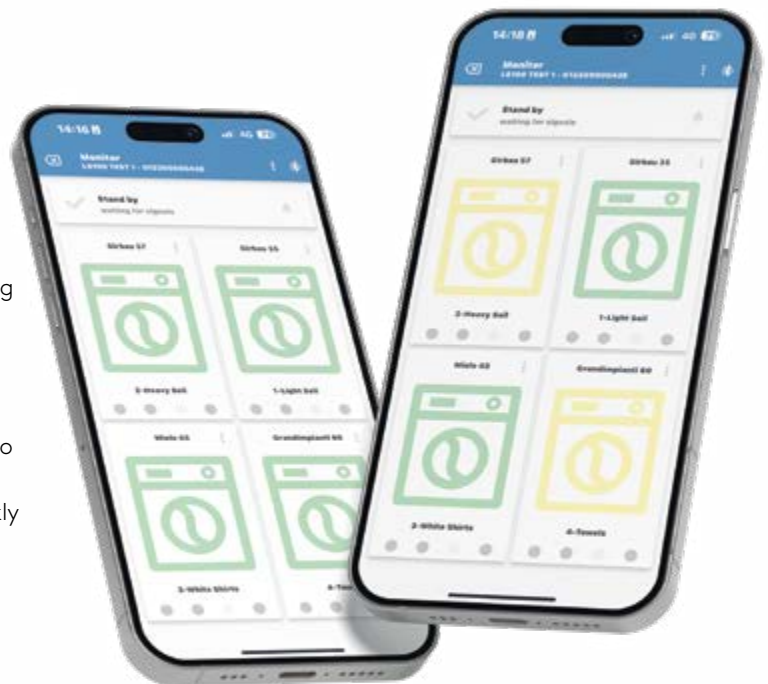


Quick removable venturi cartridge



Bluetooth-powered dosing control app

- Password protection to prevent device tampering
- Both device and washer status can be easily monitored on SekoBlue's main dashboard to easily control washing operations, upcoming triggers and alarms
- Settings can be exported from one installation to another via Bluetooth connection to the device
- Template programmes can be pre-set and quickly uploaded to new devices on the installation to minimise setup time
- Counters registered by the device can be shared via SekoBlue on PDF files for basic consumption data analysis
- Firmware updates maintain high performance
- Pump priming can be executed both on the system's front keypad or via SekoBlue's main dashboard screen



Features & benefits

Modular design with quick and swivel connections

NRVs and connection seals with special o-rings for high chemical compatibility

Modular multi-washer module manages up to four washers

Venturi activation from 0.5 bar water inlet pressure

Advanced dosing function for water pressure constancy

Two main versions with four or six inlets

Optional four-inlet extension unit

All modules have CANbus communication

Hose connections for 8/10mm or 3/8" ID tubing

Pressure sensor for optional closed-loop suction application

