CM2W
CONNECT MACHINES TO WEB

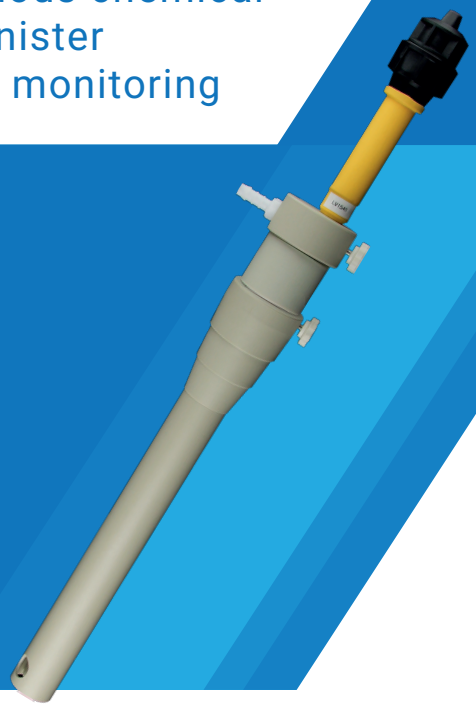
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Advanced IoT sensors integration

With continuous chemical level and canister temperature monitoring

SUCTION LANCE WITH WIRELESS LEVEL SENSOR

SCAN ME





Product overview

An advanced solution for chemical withdrawal from canisters and containers, this suction lance features a built-in wireless IoT sensor for **real-time, contactless, and continuous chemical level and canister temperature monitoring**. It helps prevent shortages, maintains operational efficiency, and connects seamlessly to CM2W's IoT management platform for centralized monitoring and control.

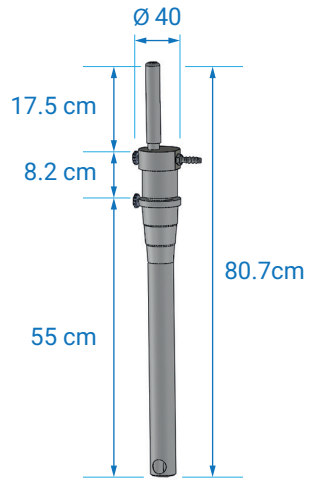
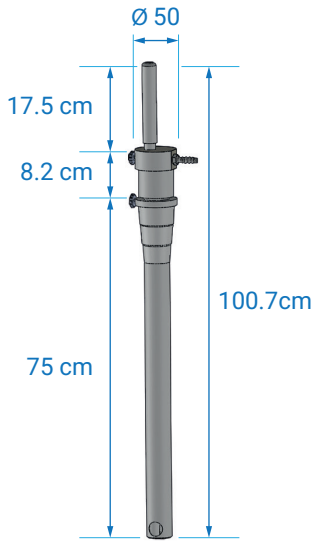
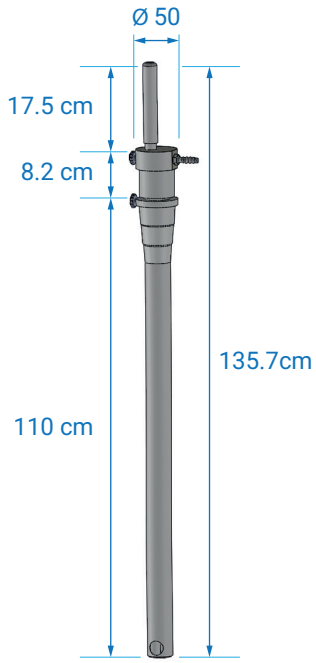
Key benefits

- Continuous wireless monitoring of chemical levels
- Continuous wireless monitoring of canister temperature
- Instant low-level alerts to prevent disruptions
- Quick installation and easy canister replacement
- Adjustable conical fastener for secure fit
- Non-return ball valve to prevent backflow and reduce friction
- RF connectivity for seamless integration with IoT-enabled devices
- Calibration via CM2W's IoT platform
- Zero maintenance required

Technical specifications

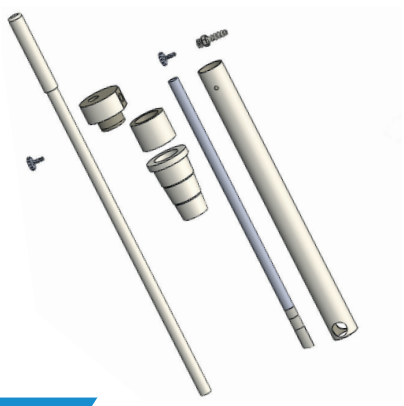
Specification	Description
Power supply	Replaceable 1 × AAA battery (up to 3 years battery life; 20-sec reporting intervals)
Connectivity	RF 868 MHz (EU) / RF 915 MHz (US)
Material	PP / PVDF
Communication range	50 – 100 meters
Measurement method	Contactless sensor
Installation requirements	Requires CM2W IoT controller with access point module
Monitoring capabilities	Product level monitoring
	Canister temperature monitoring
	Battery status monitoring

Product variations & dimensions

	Suction lance – Small –	Suction lance – Medium –	Suction lance – Large –
Product variations & dimensions			

Specification	Suction lance with wireless level sensor – Small –	Suction lance with wireless level sensor – Medium –	Suction lance with wireless level sensor – Large –
Length	80.7 cm	100.7 cm	135.7 cm
External diameter	Ø 40 mm	Ø 50 mm	Ø 50 mm
Hose connections	1 connection for tubes	3 connections for tubes	3 connections for tubes
Hose fittings PVDF	Ø 6 mm ID / Ø 10 mm ED	Ø 6 mm ID / Ø 10 mm ED	Ø 6 mm ID / Ø 10 mm ED
Suction opening	Ø 10 mm ID / Ø 16 mm ED	Ø 10 mm ID / Ø 16 mm ED	Ø 10 mm ID / Ø 16 mm ED
Weight	600 g	1050 g	1450 g
Product codes	WPSL1S-EU WPSL1S-NA	WPSL3M-EU WPSL3M-NA	WPSL3L-EU WPSL3L-NA

** Wireless level sensors (length 230 cm) are also available without suction lances. Product codes: WPXL-EU and WPXL-NA. Custom lengths available upon request.*

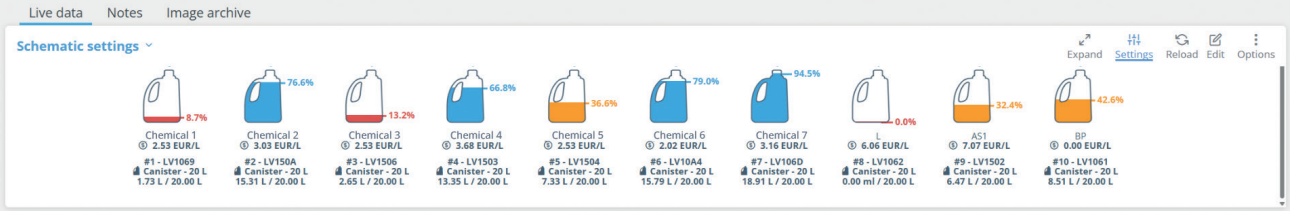


Monitoring via the CM2W IoT platform

Real-time monitoring and visual reports of product levels and canister temperature enable timely refills and optimized system performance.

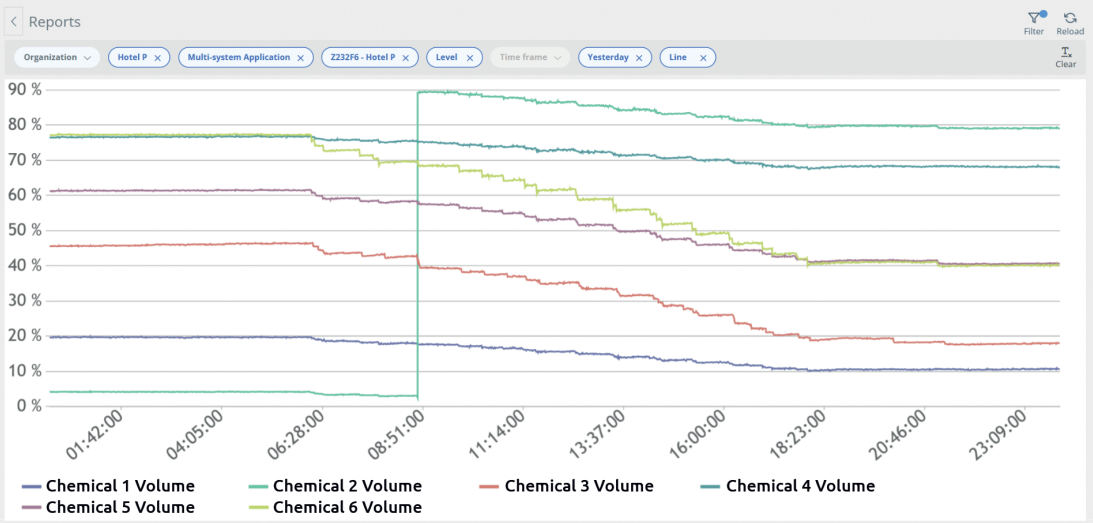
Device product level status

Live visualization of the current product level.



Device product level chart

Graphical view of product level changes over a selected time period.



Device canister temperature chart

Graphical view of canister temperature trends over a selected time period.

