

## Ready-to-use complete systems - Pump Station PS40

U.S. Patents 6,357,494; 9,580,197



## For maximum safety and flexibility

The stationary and ready-to-connect extraction station - an ideal addition to the QC system®!

Simply hang it up, plug it in and you're ready to go!

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Electrically conductive pump cabinet



QC2



QC2 CD

## FEATURES

### Pump cabinet for double safety:

#### Cabinet Housing:

- Made of chemically resistant PP. Also available in electrically conductive material for explosion-hazardous areas.
- Integrated pressure-controlled diaphragm pump, ventilation, and venting.
- Transparent protective door (only in non-conductive versions).
- Free-standing or wall-mounted options.

### ASDM40 pump:

- Double diaphragm/membrane pump.
- Housing material options: PE, PTFE, electrically conductive.
- Membrane: PTFE.
- Max flow rate: 25 l/min.
- Pressure-resistant up to 6 bar (max).

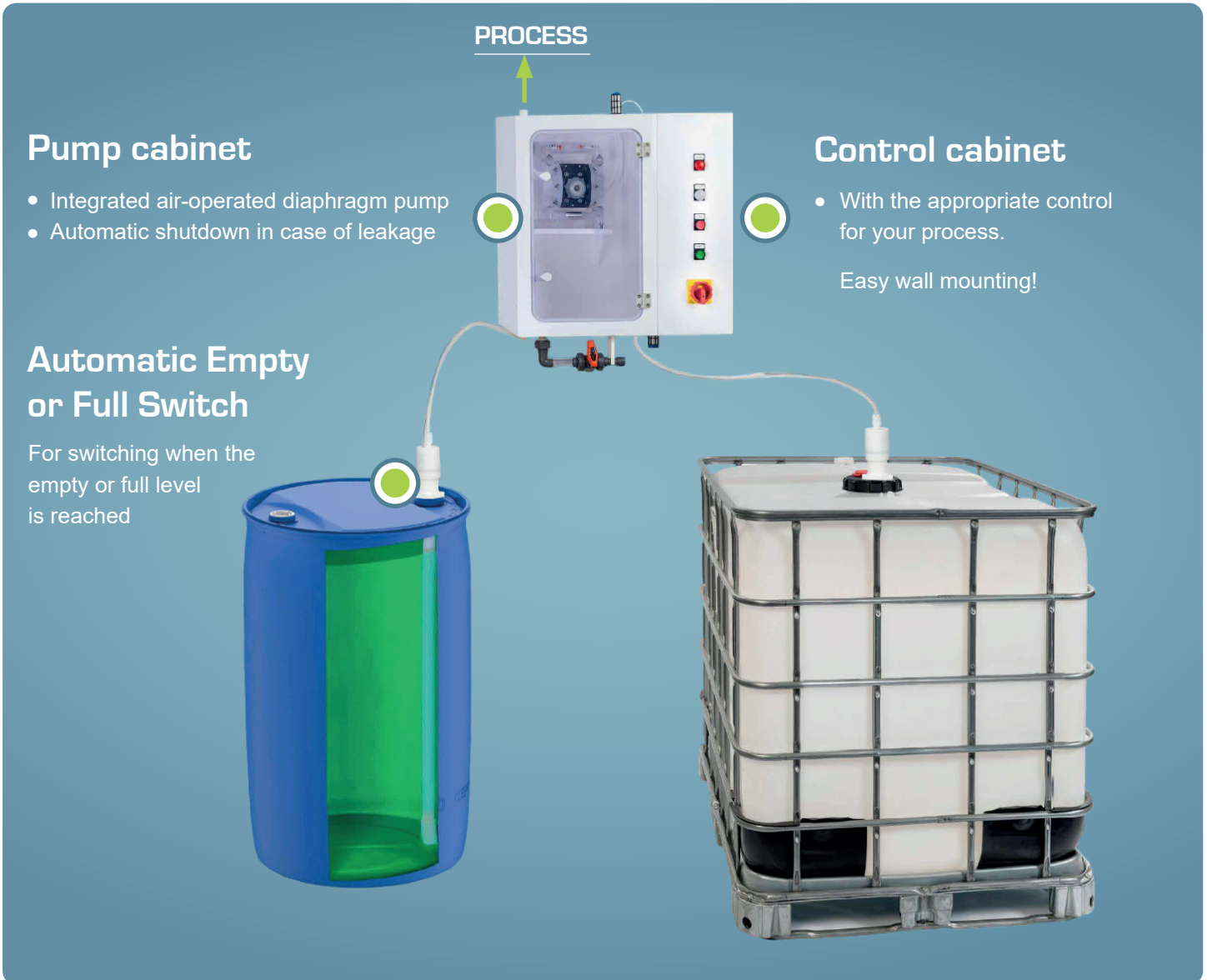
### Control cabinet:

- Housing material: IP 65, optionally conductive.
- Siemens Logo! SPS.
- Pre-programmed programs available (all functions displayed).
- Integrated signal lamps, reset buttons, and emergency stop.
- Power supply: 230V.

### Dispensing Heads:

- Product line: QC2 - QC3
- With or without bubble sensor for automatic deactivation when air bubbles are detected or when switching to another container.
- Material options: HDPE, PVDF, PP, also electrically conductive.
- Integrated illumination.
- Leakage-proof connection.
- Customer/plant-specific coding to prevent mix-ups.

## Pump Station PS40



**Pump cabinet**

- Integrated air-operated diaphragm pump
- Automatic shutdown in case of leakage

**Control cabinet**

- With the appropriate control for your process.

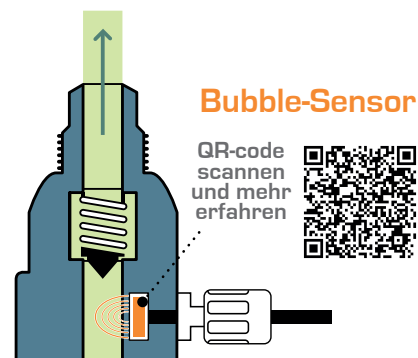
Easy wall mounting!

**Automatic Empty or Full Switch**

For switching when the empty or full level is reached

## Over 1000 dip tubes.

For every container and virtually any length. Over 1000 standard variants. Optional bellows-type length compensator for virtually complete emptying. In addition, the dip tubes can be pre-installed in the containers by the chemical supplier or the container manufacturer. Safe, simple and clean.



Dispensing heads with integrated bubble sensor recognize when the container has been completely emptied and send a signal to the PLC.



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## STANDARD FUNCTIONS:

- Automatic shutdown and display when a leakage is detected inside the pump cabinet (e.g. in case of a leaking pump).
- Automatic shutdown and display when the container is completely emptied.
- Automatic switching to a second container when the first container is completely emptied.

Version	Pump Cabinet	Pump	Control cabinet	Leakage Display	Shutdown at Empty	Switch to 2nd Container	Supplied Accessories
<b>PS40-0001</b>	PP	PE or PTFE	—	—	—	—	1 x Dispensing head QC2 1 x corrugated hose PFA 1 x drum wrench 1 x docking station
<b>PS40-0003</b>	PP	PE or PTFE	●	●	●	—	1 x QC2 dispensing head with integrated bubble sensor 1 x corrugated hose PFA 1 x drum wrench 1 x docking station
<b>PS40-0004</b>	PP	PE or PTFE	●	●	—	●	2 x QC2 dispense head with integrated bubble sensor 2 x corrugated hose PFA 1 x drum wrench 2 x docking station
<b>PS40-0001-CD</b>	PP elec. conductive	Electrically Conductive PE or PTFE	—	—	—	—	1 x dispensing head QC2 electr. conductive 1 x corrugated hose PFA electr. conductive 1 x drum key electr. conductive 1 x Docking station electr. conductive



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## 6 good reasons for the QC-System® :

- Clean delivery with preinstalled dip tube
- Fast connection with easy to use key code system that prevents chemical mix-ups
- Emission-free dispensing with integrated ventilation
- Drip-free disconnection
- High purity and chemically resistant materials
- Worldwide in use, well-known references



The AS QC-System® supplies chemical consumers from a wide range of industry sectors

Electronics	Semiconductors Solar power and photovoltaics Flat-screen displays
Industry	Electroplating Chemistry Printing / Paper Water treatment Automotive / Mechanical engineering Adhesives Glass Agriculture
Pharmaceuticals / Biotechnology / Cosmetics / Foodstuffs	
Laboratories / Research institutes / Institutes	

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QC® - an AS Strömungstechnik GmbH system. Made in Germany.  
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