

Dosing units vertical design

CVD 1 + CVD 2



The new sera - Dosing units in vertical design



- Units with one or two dosing pumps
- Require little space on site due to compact design
- Available in 3 Sizes:
 - up to 60 l/h
 - up to 550 l/h
 - up to 1450 l/h
- Built with standard parts, extendable with standardized accessories
- Standard solutions ensure optimized process and delivery times

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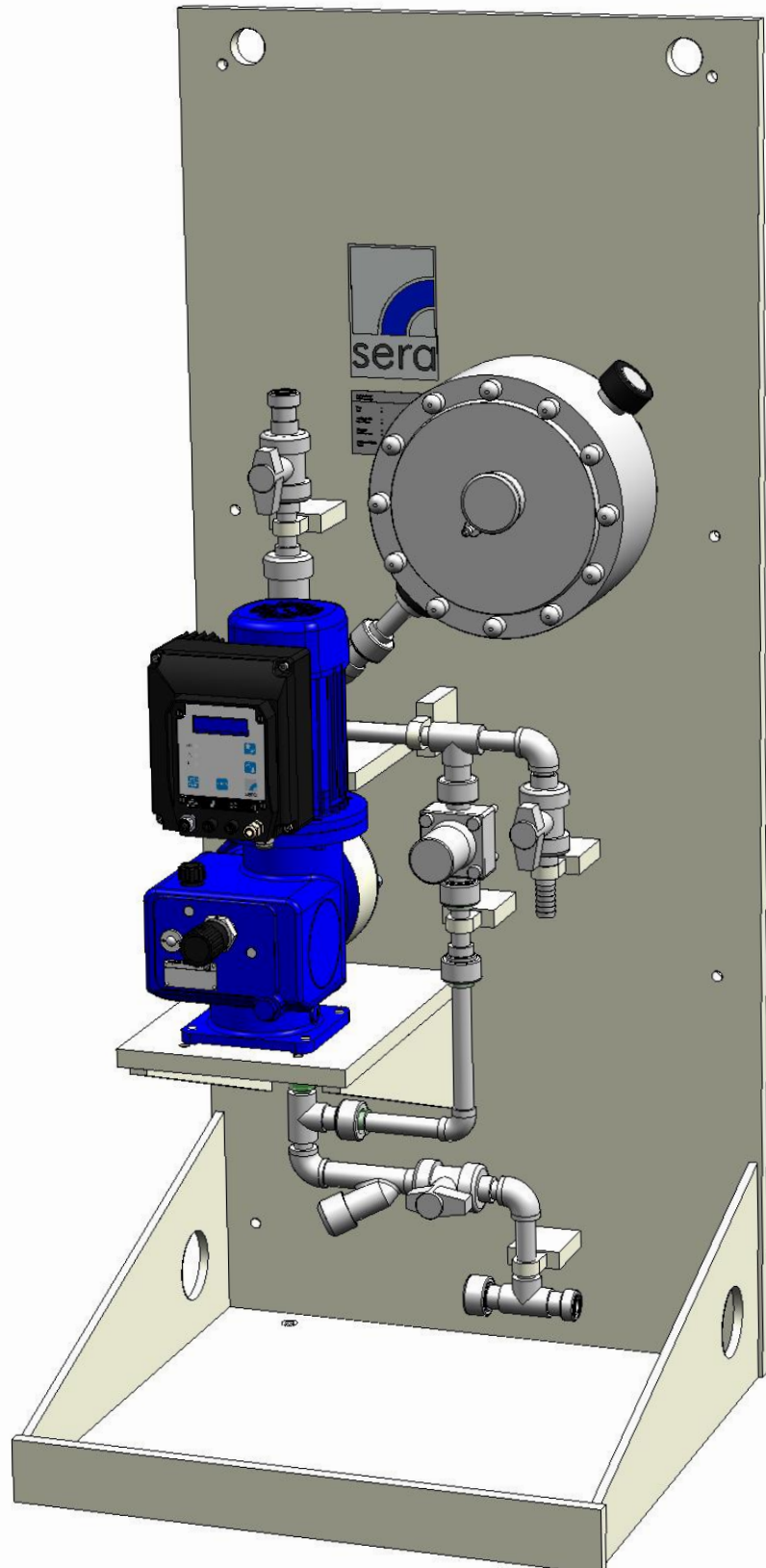
Capability characteristics

- Highest accuracy
- High operational safety
- High quality materials
- Easy to operate
- Flexible control
- Low operational costs
- Compact design
- Continuous operation

Configuration example:

Basic design with following options:

- Diaphragm pulsation damper
- Suction side with ball cock and line strainer
- Pipework from relief valve back to suction side



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Technical data

Series CVD 1

Type	Capacity [l/h]	Permissible counterpressure bar	Permissible suction head mWC	Number of pumps	Pump series
CVD 1 - 60.1	up to 60	up to 10	up to 3	1	R/C 204.1 – 0,4e ...R/RF/C409.2-50
CVD 1 - 550.1	up to 550	up to 8	up to 3	1	R/RF/C 409.2 – 75 ...R/RF/C410.2-510
CVD 1 - 1500.1	up to 1500	up to 5	up to 3	1	R/RF/C 410.2 – 570...R/RF/C410.2-1450

Series CVD 2

Type	Capacity [l/h]	Permissible counterpressure bar	Permissible suction head mWC	Number of pumps	Pump series
CVD 2 - 60.1	up to 2x 60	up to 10	up to 3	2	R/C 204.1 – 0,4e ...R/RF/C409.2-60
CVD 2 - 550.1	up to 2x 550	up to 8	up to 3	2	R/RF/C 409.2 – 75 ...R/RF/C410.2-510
CVD 2 - 1500.1	up to 2x 1500	up to 5	up to 5	2	R/RF/C 410.2 – 570...R/RF/C410.2-1450

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CVD 1 - Standard scope of delivery

- Diaphragm pump
- Two-way ball cocks on pressure side (shut-off and evacuation)
- Diaphragm-type relief valve
- Wall pallet made of PP(with drip pan)
- Piping on pressure side made of PVC-U, PP or PVDF
- Seals made of EPDM or PVDF
- Final connection on suction side:
External thread pump suction valve
- Final connection pressure side:
External thread at final shut-off valve

CVD 2 - Standard scope of delivery

- 2 Diaphragm pumps
- Two-way ball cocks on pressure side (shut-off and evacuation)
- Diaphragm-type relief valves
- Wall pallet made of PP(with drip pan)
- Piping on pressure side made of PVC-U, PP or PVDF
- Seals made of EPDM or PVDF
- Final connection on suction side:
External thread pump suction valve
- Final connection pressure side:
External thread at final shut-off valve

Accessories (optional)

- Diaphragm-type pulsation damper
- Suction side with ball cock and line strainer
- Piping for relief valve
- Splash guard
- Leakage sensor for drip pan
- Terminal box
- and many more...

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