

NEMESYS[®] MID PRESSURE

Mid Pressure Syringe Pump



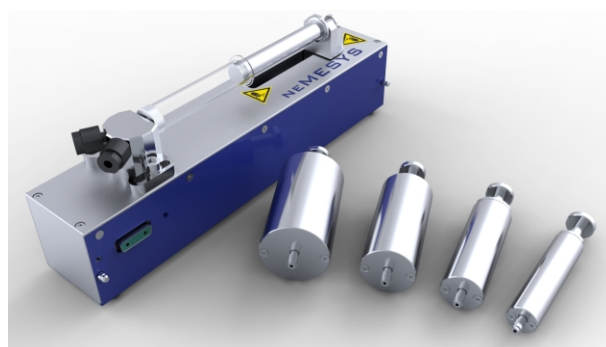
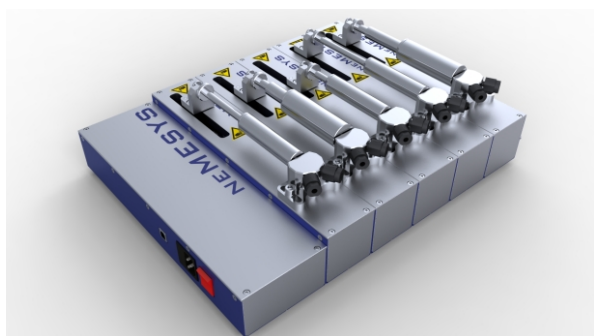
Precise and pulsation free dosage for pressure applications up to 195 bar

Highest precision up to 195 bar

The neMESYS mid pressure syringe pumps are made for the precise injection of fluids into systems with higher pressures or for working with viscous fluids. They bring the approved high precision neMESYS dosing technology into pressure ranges of up to 195 bar.

Technology

By simple assembling of single neMESYS mid pressure syringe pumps (click system) or by linking them via bus cable you can build up a high-performance multi-channel dosing system. The powerful, highly precise and PID controlled drive unit of this mid pressure pump ensures an extremely smooth movement of the syringe piston. This enables the pulsation free generation of precise fluid streams in the range of nanolitres and the dosage of micro volumes.



Your benefits at a glance

- pulsation-free generation of fluid streams in the range of nanolitres
- precise dosage of viscous fluids
- support of high pressure valves for continuous delivery of fluid for virtually unlimited periods of time (optional)
- precise dosage with pressures up to 195 bar
- up to 12 pumps can get chained together
- can be combined with neMESYS high precision syringe pumps for low pressures
- comprehensive graphical user interface
- glass syringes or rugged stainless steel syringes (2.5ml, 10ml, 25ml or 50ml) mountable

◀ Example configuration: Five mid pressure modules and one base module (power supply) to build up a multi-channel dosing system.

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