

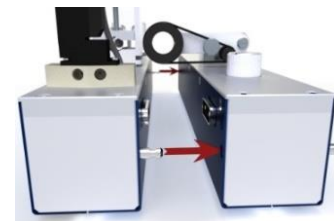
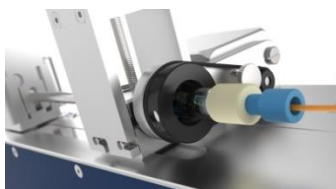
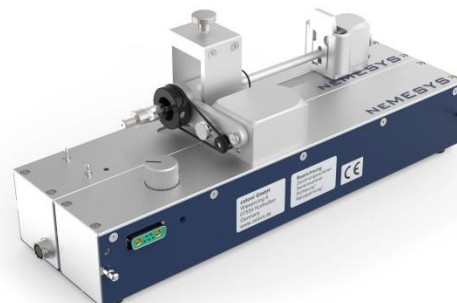


NEMIX SYRINGE STIRRER

DESCRIPTION

This neMIX syringe pump extension module prevents sedimentation of particle or cell suspensions within the syringe by gentle mixing of the fluid.

The syringe stirrer consists of a fixed stirring element within the syringe (2.5 / 5 ml) and a rotating magnet ring around the syringe.



FLOW PERFORMANCE

Gear	14.1*	29.1
Stirrer-Syringe 2.5 ml (1.7 ml)		
Flow Rate Min [μ l/min]	2.9	1.4
Flow Rate Max [ml/min]	15.82	7.63
Stirrer-Syringe 5 ml (3 ml)		
Flow Rate Min [μ l/min]	5.9	2.8
Flow Rate Max [ml/min]	31.64	15.26

To increase the flexibility of your setup, neMIX can be easily combined with any standard neMESYS Low Pressure syringe pump. Modified 2.5 and 5 ml syringes are supported.



MECHANICAL DATA

Weight 0.9 kg
Dimensions (L x W x H) 310 x 47 x 88 mm

ENVIRONMENT

Operating Temperature -10 – 45 °C
Storage Temperature -40 – 80 °C
Operating Humidity 20 – 80 %, non-condensing
Storage Humidity 20 – 80 %, non-condensing
Autoclavable Limited
Sterilisation Alc / UV

ELECTRICAL DATA

Peak Power Consumption 14.5 W
Power Supply Voltage (Input) 24 V DC

WETTED PARTS

Syringe Glass / PTFE
Stirrer Insert.. Glass / PTFE / Silicone / Steel / Epoxy

CONFIGURATION

Syringe Sizes [Net Volume] 2.5 [1.7] / 5 [3] ml
Min. Rotation Speed* 60 rpm
Max. Rotation Speed* 1628 rpm

*default configuration