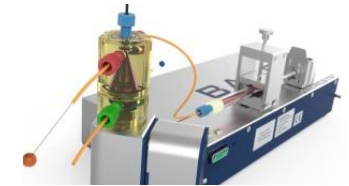
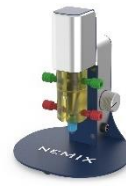




NEMIX – STIRRING BOTTLE

DESCRIPTION

For some reason it can be of importance to stir small volumes with particles or cell suspensions while dosing. The neMIX Bottle has been specifically designed for this and can be combined with each dosing system (best with neMESYS). The proven gentle mixing method has almost no impact to living cells in suspension. Hence, a good solution for biological application.



DOSING PERFORMANCE

The most important feature of this device is the rotatable bottle of 180°. Depending on whether the carrier medium or the (cell-) suspension is heavier you can easily rotate the bottle for fast adjustment to the setup conditions. Another major characteristic is that the bottle can be easily demounted and wetted parts autoclaved.

(achievable in combination with neMESYS pump modules)*

| | | |
|------------------------|--------|-------|
| Gear | 14.1 | 29.1 |
| Syringe 100 µl | | |
| Flow Rate Min [nl/min] | 0.12 | 0.06 |
| Flow Rate Max [ml/min] | 0.63 | 0.30 |
| Syringe 2.5 ml | | |
| Flow Rate Min [nl/min] | 2.96 | 1.4 |
| Flow Rate Max [ml/min] | 15.82 | 7.63 |
| Syringe 25 ml | | |
| Flow Rate Min [nl/min] | 29.63 | 14.29 |
| Flow Rate Max [ml/min] | 158.22 | 76.30 |

dosing performance depends on syringe size and neMESYS configuration

MECHANICAL DATA

Weight510 g
Dimensions (L x W x H)103 x 120 x 98 mm

ENVIRONMENT

Operating Temperature-10 – 45 °C
Storage Temperature-40 – 80 °C
Operating Humidity20 – 80 %, non-condensing
Storage Humidity20 – 80 %, non-condensing
Autoclavable.....Limited
Sterilisation70 % alc, UV

ELECTRICAL DATA

Power Supply Voltage (Input).....24 V DC
External Power Supply.....Yes

INTERFACES

Fluidic Connection¼-28 UNF

WETTED MATERIALS

Bottle.....Tecason® E / PTFE
O-Ring.....Silicone

PERFORMANCE DATA

Dosable Volume1.5 ml
Min. Rotation Speed*14 rpm
Max. Rotation Speed*426 rpm

*Rotation speed depends on viscosity of media