CETONI

CETONI Nemix 50

Flow Performance

Syringe	Parameter			Pressure max.
	Flow rate min. [nl/min]	Recommended pulse free limit [µl/min]	Flow rate max. [ml/min]	[Bar/psi]
2,5 ml	3,01	1,35	20,00	10 / 145
5 ml	6,03	2,71	40,00	10 / 145
10 ml	12,07	5,43	80,00	10 / 145
25 ml	30,19	13,58	200,00	10 / 145
50 ml	60,38	27,17	400,00	8 / 115
50 ml *Braun Perfusor Syr 8728844F	~45,0	-	~290,0	2 / 29
100 ml	60,38	27,17	400,00	8 / 115

Materials and Ports

Fluid ports	1/4“-28UNF female or Luer-Lock (with Braun Perfusor syringe)
Wetted materials	Stainless steel (glass syringe: Borosilicate glass, PTFE, PCTFE, PEEK)

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Performance Data

	Nemix 50 dosing module
Pusher velocity max.	8 mm/s
Pusher velocity min.	1,2 nm/s
Pusher travel min.	18 nm
Pusher force max.	1000 N
Travel range max.	120 mm
	Nemix 50 stirring module
Rotation velocity stirrer	15 – 460 mm/s
Linear velocity stirrer	6,6 – 200 mm/s
Travel range linear stirrer	120 mm

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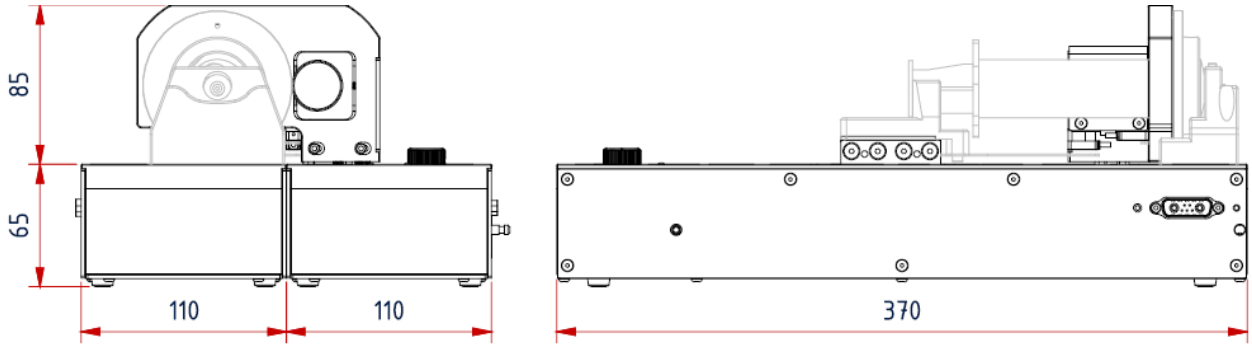
Mechanical Data

Weight	Nemix dosing module: 3,6 kg Nemix stirring module: 3,4 kg
Dimensions [L x W x H]	370 x 220 (2x110) x 85 mm



Electrical Data

Power supply voltage	24 V DC
Peak power consumption	Nemix dosing module: 36 W Nemix stirring module: 17 W

Environmental Data

Operating temperature	0 – 40 °C
Storage temperature	-40 – 75 °C
Operating humidity	20 – 80 % (non-condensing)
Storage humidity	20 – 80 % (non-condensing)

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Interfaces

CAN	1 Mbit/s max.
RS232	115200 bit/s max.
USB	with USB-CAN module
I/O (for CETONI valve and/ pressure sensor)	12 bit