

TECHNICAL DATA SHEET

NANOUS® Total Flow Rates

Closed device for continuous aseptic processing of nanoparticle products in large volumes.



TECHNICAL DATA

Configuration		P _{max} = 40 bar		TFR _{max} (mL/min)	
PIN 1 (µm)	PIN 2 (µm)	FR ₁ max (mL/min)	FR ₂ max (mL/min)	FRR 1:1	FRR 3:1
100	100	31	31	62	41
150	100	63	31	62	84
200	100	121	31	62	162
300	100	268	31	62	358
400	100	455	31	62	607
600	100	600	31	62	800
150	150	63	63	127	84
200	150	121	63	127	162
300	150	268	63	127	358
400	150	455	63	127	607
600	150	600	63	127	800
200	200	121	121	242	162
300	200	268	121	242	358
400	200	455	121	242	607
600	200	600	121	242	800
300	300	268	268	537	358
400	300	455	268	537	607
600	300	600	268	537	800
400	400	455	455	911	607
600	400	600	455	911	800
600	600	600	600	1200	800

Note: Values above based on water; max. flow rates may change with different solvents based on specific viscosities

Abbreviation(s): FR Flow rate, FRR Flow rate ratio, PIN pinhole, P_{max} Maximum pressure, TFR_{max} Maximum total flow rate

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