

Cylinder Duration Chart

These charts are representative of a range of doses available on the INOmax DS_{IR} and doses higher than 20 ppm are not intended as the recommended therapeutic dose.

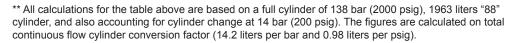
D-SizeFor a **D-Size** 800 ppm Cylinder Concentration*

		FLOW				
		5 L/min	10 L/min	20 L/min	40 L/min	
INOMAX Dose (ppm)	5	7.0 Days	3.5 Days	1.8 Days	21 Hours	
	10	3.5 Days	1.7 Days	21 Hours	10.5 Hours	INO max
	20	1.7 Days	20.7 Hours	10.3 Hours	5.2 Hours	800 PPM
	40	20 Hours	10 Hours	5 Hours	2.5 Hours	
	80	9.5 Hours	4.8 Hours	2.4 Hours	1.2 Hours	

typically used in transport

88-SizeFor an **88-Size** 800 ppm Cylinder Concentration**

		5 L/min	10 L/min	20 L/min	40 L/min	
INOMAX Dose (ppm)	5	39 Days	19.5 Days	9.8 Days	4.9 Days	INO max nir code max 800 ppm
	10	19.4 Days	9.7 Days	4.8 Days	2.4 Days	
	20	9.6 Days	4.8 Days	2.4 Days	1.2 Days	
	40	4.7 Days	2.3 Days	1.2 Days	14 Hours	Mallinckrodt Parmaceutcas
	80	2.2 Days	1.1 Days	13.3 Hours	6.6 Hours	



- INOMAX flow = [Desired dose × total ventilator flow] ÷ [Cylinder concentration desired dose]
- Cylinder volume = Cylinder conversion factor × cylinder pressure (bar/psig)
- Cylinder duration (hours) = (Cylinder volume ÷ INOMAX flow rate) ÷ 60

Calculations are considered estimates and may vary under clinical circumstances.

^{*}All calculations for the table above are based on a full cylinder of 138 bar (2000 psig), 353 liter "D" cylinder, and also accounting for cylinder change at 14 bar (200 psig). The figures are calculated on total continuous flow cylinder conversion factor (2.6 liters per bar and 0.18 liters per psig).

Oxygen Dilution Chart

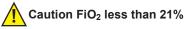
Oxygen Dilution During INOMAX® (nitric oxide) for inhalation Therapy

When INOMAX is injected into the inspiratory limb of the breathing circuit, the oxygen concentration (FiO₂) is diluted. The amount of dilution depends on the INOMAX dose and the set FiO₂. The following formula can be used to calculate the amount of oxygen dilution:

[INOMAX dose ÷ cylinder concentration] x set FiO₂

For delivery with 800 ppm cylinder of INOMAX

	Set FiO₂							
		.21	.40	.60	.80	1.00		
ose	10	0.21	0.40	0.59	0.79	0.99		
	20	▲ 0.20	0.39	0.59	0.78	0.98		
MAX [40	<u> </u>	0.38	0.57	0.76	0.95		
INOMAX (ppr	80	▲ 0.19	0.36	0.54	0.72	0.90		
=		Actual FiO ₂						



Please note: The calculations on this chart have been determined based on an 800 ppm cylinder of INOMAX (nitric oxide) for Inhalation.

This chart is representative of a range of doses available on the INOmax DS_{IR} and doses higher than 20 ppm are not the recommended therapeutic dose.

Calculations are considered estimates and may vary under clinical circumstances.

All numbers have been rounded to the nearest hundredth. For assistance contact Technical Support 877-566-9466.

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Part No. 20729 Rev-01