

INOmax[®]


(nitric oxide) **FOR INHALATION**

Cylinder Duration Chart

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

D-Size


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

		FLOW				
		5 L/min	10 L/min	20 L/min	40 L/min	
INOmax Dose	5 ppm	7.8 Days	3.9 Days	46 Hours	23 Hours	
	10 ppm	3.9 Days	46 Hours	23 Hours	11 Hours	
	20 ppm	45 Hours	22 Hours	11 Hours	5 Hours	
	40 ppm	22 Hours	11 Hours	5 Hours	2 Hours	
	80 ppm	10 Hours	5 Hours	2 Hours	1 Hour	

Cylinder conversion factor = 0.17 L /psig
typically used in transport

88-Size

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

		FLOW				
		5 L/min	10 L/min	20 L/min	40 L/min	
INOmax Dose	5 ppm	43.3 Days	21.7 Days	10.8 Days	5.4 Days	
	10 ppm	21.5 Days	10.7 Days	5.4 Days	2.7 Days	
	20 ppm	10.6 Days	5.3 Days	2.6 Days	31 Hours	
	40 ppm	5.2 Days	2.6 Days	31 Hours	15 Hours	
	80 ppm	2.4 Days	29 Hours	14 Hours	7 Hours	

Cylinder conversion factor = 0.98 L /psig

* All calculations are based on a full cylinder (2000 psig, 353 liters "D", 1963 liters "88") changed at 200 psig. Based on total continuous flow.

- INOmax Flow = [Desired dose x total ventilator flow] / Cylinder concentration - desired dose
- Cylinder volume = Cylinder conversion factor x cylinder psig
- Cylinder duration = Cylinder volume / INOmax Flow rate

Calculations are considered estimates and may vary under clinical circumstances.

For more information, call 1-877-KNOW-INO (1-877-566-9466)

Oxygen Dilution Chart

Oxygen Dilution Duration 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:

$$[\text{INOmax dose} / \text{cylinder concentration}] \times \text{set FiO}_2$$

For delivery with 800 ppm cylinder of INOmax

		Set FiO ₂				
		.21	.40	.60	.80	1.00
INOmax Dose	10	0.21	0.40	0.59	0.79	0.99
	20	⚠ 0.20	0.39	0.59	0.78	0.98
	40	⚠ 0.20	0.38	0.57	0.76	0.95
	80	⚠ 0.19	0.36	0.54	0.72	0.90
	Actual FiO ₂					

⚠ Caution - FiO₂ < 21%

Please Note:

The calculations on this chart have been determined based on an 800 ppm cylinder of INOmax. All numbers have been rounded to the nearest hundredth.

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