

INOmax[®]

(nitric oxide) FOR INHALATION


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-Size

For 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 |
| | 20 | 1.7 Days | 20.7 Hours | 10.3 Hours | 5.2 Hours |
| | 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

*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).

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 (ppm) | 5 | 39 Days | 19.5 Days | 9.8 Days | 4.9 Days |
| | 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 |
| | 80 | 2.2 Days | 1.1 Days | 13.3 Hours | 6.6 Hours |



** All calculations for the table above are based on a full cylinder of 138 bar (2000 psig), 1963 liters "88" cylinder, and also accounting for cylinder change at 14 bar (200 psig). The figures are calculated on total continuous flow cylinder conversion factor (14.2 liters per bar and 0.98 liters per psig).

- 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.

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:

$$[\text{INOMAX dose} \div \text{cylinder concentration}] \times \text{set FiO}_2$$

For delivery with 800 ppm cylinder of INOMAX

| | | Set FiO ₂ | | | | |
|-------------------|-------------------------|----------------------|------|------|------|------|
| | | .21 | .40 | .60 | .80 | 1.00 |
| INOMAX Dose (ppm) | 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 less than 21%

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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