



**NOX ANALGESIA SOLUTION  
PRIVATE LIMITED**



**First Time in Kenya**

**MOST COST EFFECTIVE  
LAUGHING GAS UNIT**

**SAFEST MACHINE**



NOX - The Nitrous Oxide Delivering System



+254 725 295 671

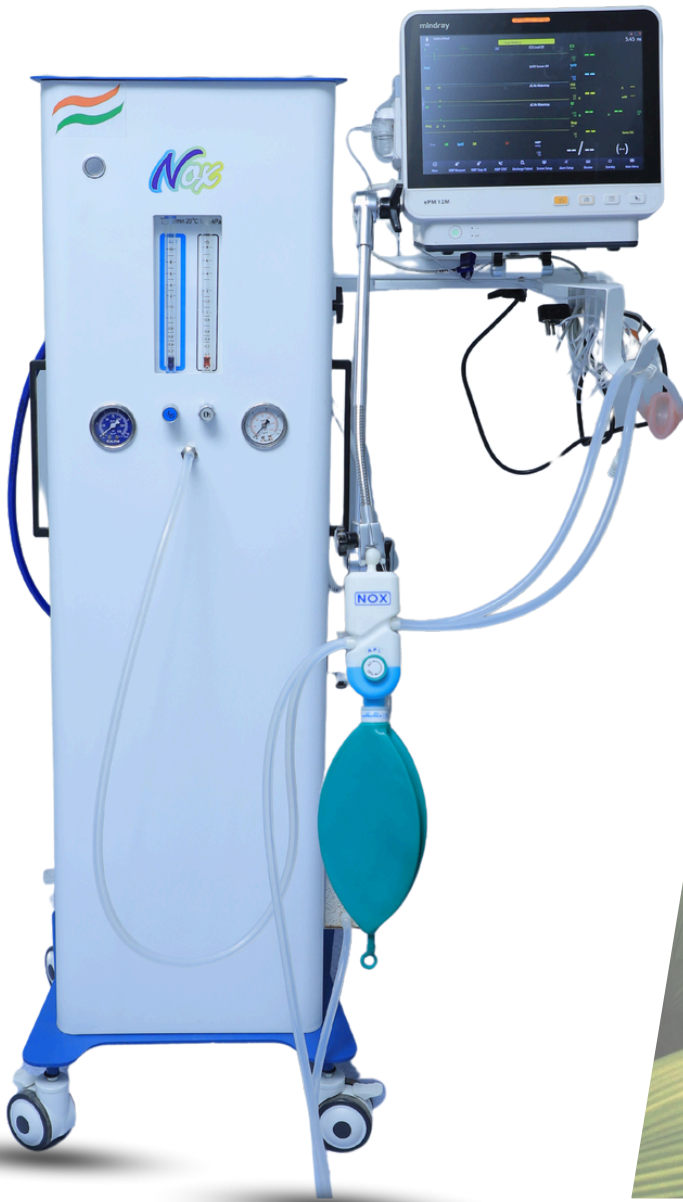


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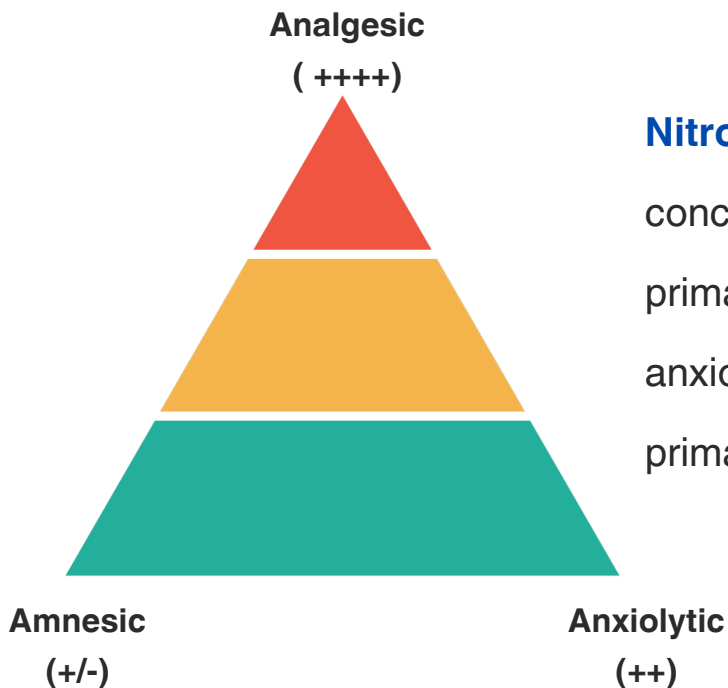
www.larioxhealth.com

**ANXIOLYSIS** A level of sedation in which a person is very relaxed and may be awake. The person is able to answer questions and follow instructions. Anxiolysis is caused by special drugs and is used to help relieve anxiety during certain medical or surgical procedures also called minimal sedation.



**ANALGESIA** Loss of sensation of pain that results from an interruption in the nervous system pathway between sense organ and brain.





**Nitrous oxide (N<sub>2</sub>O)** at concentrations below 50% is primarily utilized as an analgesic and anxiolytic agent rather than as a primary sedative.

**WE**

**CLAIM,**

**N<sub>2</sub>O IS MORE ANALGESIC THAN SEDATIVE.**

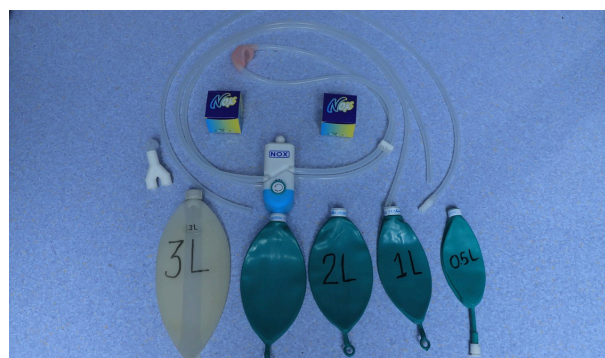
**IN DENTISTRY WE NEED ANALGESIA & ANXIOLYSIS NOT SEDATION. SO, WHY TO PROMOTE AN OXYMORON CONSCIOUS SEDATION. N<sub>2</sub>O OFFERS A CALMING SOLUTION FOR PATIENTS OF ALL AGES**

## **NOX Sterility of Equipment**

1. Circuit & mask both autoclavable

2. Only circuit which can be used with HME filter (anti-bacterial. anti viruses) to avoid Cross Contamination

3. Dry sterilization is also possible with alcohol wipes



4. ETO sterilization is also possible



# Three Major Challenges in Dental Patient

## 1. Fear of Pain



## 2. Apprehension (fear of unknown)



## 3. Anxiety



$N_2O$  easily manages this to make your Patient Comfortable and Pain - Free Experience.

## NOX as a Day-Care Tool

- Excellent analgesia. (Pain-free experience)
- Titrable calmness (Anxiolysis)
- Fastest onset and Rapid recovery
- No- residual effect. (Immediate discharge of Patient is possible)
- Suitable for all age patient
- **Lowest operational cost with NOX Machine**
- Can be used with minimal pre-procedure instructions
- No major Contraindications can be used in highly morbid patient too



# Fail-Proof Safety Features

We have integrated a wide range of features into our NOX systems to provide complete control for the healthcare team, thereby ensuring the utmost safety for patients undergoing procedures. These features include:

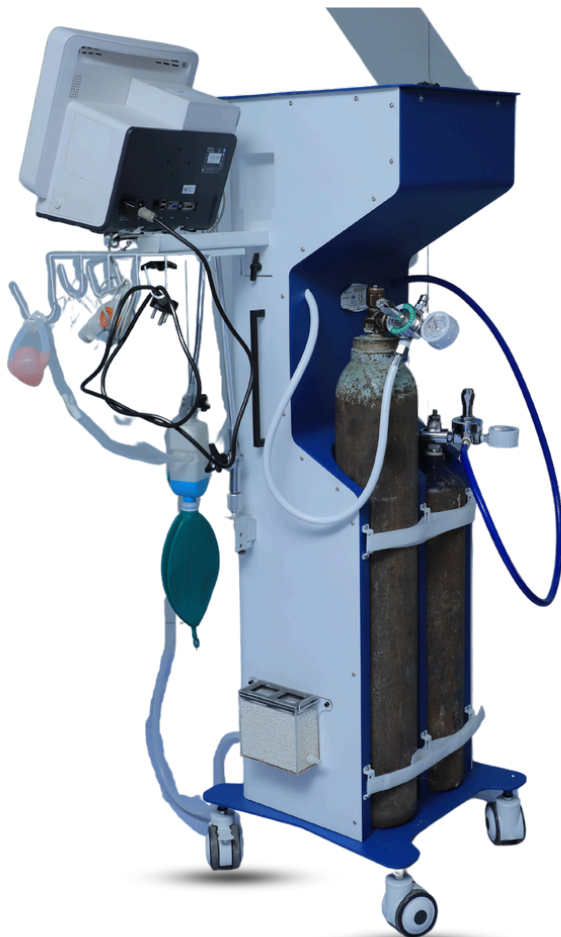
	<h3>OXYGEN- FAIL SAFE SYSTEM</h3> <p>In an oxygen supply failure, nitrous oxide administration will be stopped, as it requires oxygen.</p>		<h3>STANDARD JOINT OR GAS PIPELINE</h3> <ul style="list-style-type: none"><li>a. Pin index Safety System (PISS)</li><li>b. Diameter index Safety System (DISS)</li></ul> <p>Customizable as per your need.</p>
<h3>ADJUSTABLE PRESSURE LIMITING (APL VALVE)</h3> <p>This machine offers unique positive pressure ventilation for respiratory patients, a feature absent in other devices.</p>		<h3>HYPOXIC GUARD</h3> <p>NOX is designed with an N<sub>2</sub>O limiter.</p> <p>The maximum amount of N<sub>2</sub>O that NOX can deliver is 75%.</p>	 <p><b>Link-25 Hypoxic Guard</b> Prevents &lt;25% O<sub>2</sub> delivery (FiO<sub>2</sub>) when using N<sub>2</sub>O</p>
	<h3>OXYGEN FLUSH</h3> <p>An integrated Oxygen flush button on the machine provides an immediate flow of 25 LPM of Oxygen to the patient.</p>		<h3>AUDIBLE OXYGEN ALARM</h3> <p>When your oxygen pressure drops, an alarm will sound to alert you before cutting off the N<sub>2</sub>O supply.</p>
<h3>SCAVENGING SYSTEM</h3> <p>The most efficient scavenging system protects doctors and paramedics while minimizing CO<sub>2</sub> emissions.</p>		<h3>NON-REBREATHING VALVE</h3> <p>The machine operates on a rebreathing principle, preventing CO<sub>2</sub> poisoning and cutting gas consumption by 50%.</p>	



# Technical Specifications

## NOX ADVAIT

Oxygen	Maximum flow 10L/min.
N <sub>2</sub> O	Maximum flow 12L/min.
Dimension	(1260*385*450 MM)
Weight of machine	=50KG
Precisely calibrated flow	±100 ml/min
N <sub>2</sub> O	0 - 75%
O <sub>2</sub>	25% - 100%
Oxygen Flush	( >25L / min )
Rebreathing bag. Sizeable. able to patent weight. to decrease gas wastage.	( 0.5L / 1L / 2L / 3L )
Adjustable mask size	( S / M / L )



- ✔ Hypoxic guard flow meter (ISO/CE certified)
- ✔ Useful in both Cylinder & central-supply
- ✔ Equipped with Scavenging System
- ✔ Equipped with all safety standard Safety mechanism
- ✔ Only machine with Storage
- ✔ Positionable rebreathing bag to monitor respiration at Consultant's eye level



# NOX – Signature Aspects



★ Monitor Stand

★ Storage Compartment on Top

★ Emergency Management Circuit

★ Audible Oxygen Alarm

★ Open Active Scavenging System with CO2 Absorber

★ Ergonomically Designed Reservoir Bag Arm

## NOX – Applications

Pediatric Anesthesiologist

Cosmetic & Skin Department (Plastic Surgery)



Dentistry

Gastro-Instestinal Endoscopy

Obstetrics



# NOX – Product Variant



**NOX - ADVAIT WITH  
POWDER COATING**



**NOX - ARTHA WITH  
VINYL COATING**



**NOX - DIGITAL ANANT  
POWDER COATING**

