




HAND HELD NITROUS®**VETERINARIAN USE ONLY**
(Anxiety and Pain Reduction for Cats, Dogs and Small Animals)**INSTRUCTIONS FOR USE****INDICATIONS FOR USE:**

Hand Held Nitrous® is a nitrous oxide dispenser intended to create short term MINIMAL SEDATION (reduction of anxiety and pain) to animals for any reason. This device can be used to calm an animal down while the animal is in the waiting room, immediately before a procedure or during a procedure. Hand Held Nitrous delivers 16 grams (8.6 liters) of medical grade nitrous oxide over a total of 120 to 180 seconds. The effects of the gas depend on how much gas the animal receives, expect 5 to 10 minutes. For pain reduction, Hand Held Nitrous® is for "supplemental use" only and is to be used in addition to existing anesthetics only. Do not attempt to use this device as the sole source of sedation / analgesia or to modify existing analgesic protocols.

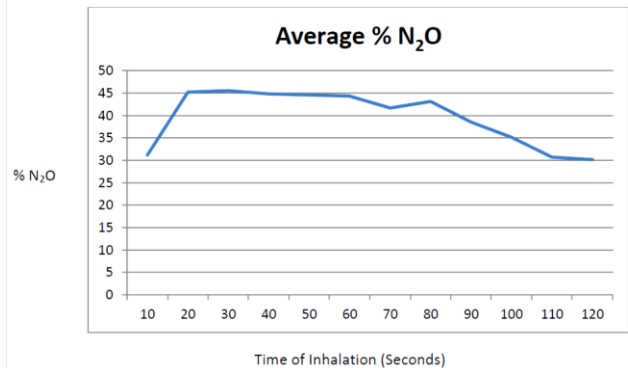
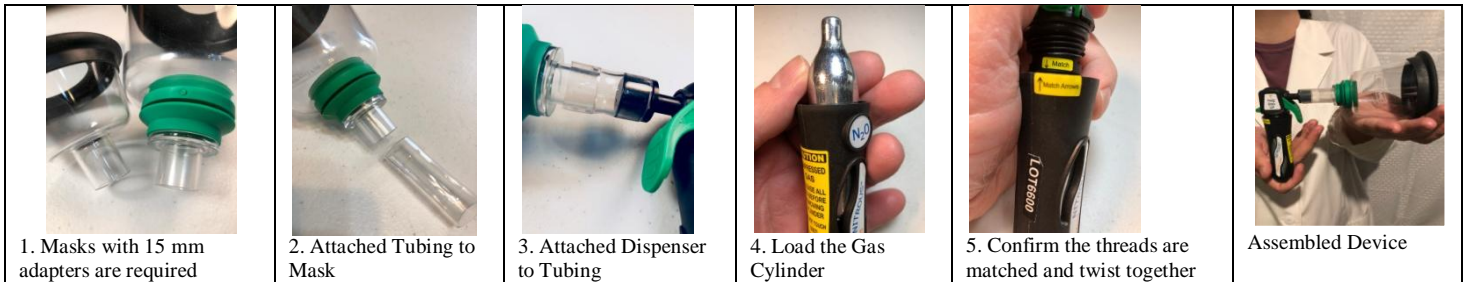
DOSING:

Percent N₂O: Maximum 46.8%:

Limit to two doses per animal per procedure per day.

-  **WARNING: NOT FOR HUMAN USE.**
-  **THIS DEVICE MUST BE USED UNDER THE DIRECTION OF A VETERINARY PROFESSIONAL.**
-  **READ AND FOLLOW ALL INSTRUCTIONS, WARNINGS AND CAUTIONS CAREFULLY.**

Average percent nitrous oxide delivered over 120 seconds using mask.

**ASSEMBLY:**

1. Use only masks with a 15 mm adapter
2. Attached tubing to mask. This may be a tight seal. Use soapy water if needed.
3. Attached dispenser to tubing.
4. Place the gas cylinder inside the cup. Always use a new gas cylinder supplied by Strata Medical Innovations. All gas is USP Medical Grade.
5. Confirm the threads are matched (match arrow) and firmly screw cup with full cylinder onto the head until in stops. You may hear a brief hissing sound. If a continuous hissing sound is heard, screw another quarter turn.

Note: Never force the threads between the cup / head interface. If the threads are not lined up properly the inhaler will not function correctly. Match the yellow arrows. If mismatching occurs, SLOWLY unscrew the cylinder in small increments. If the cylinder is punctured, you will hear a hissing sound. Stop: Do not unscrew further until all gas is released (when hissing noise stops). When all gas has escaped, replace with new cylinder and start again. Do not touch the used cylinder. Discard directly into garbage (see "Removing Gas Cylinder" below).

Safety lock feature (if desired):

Move the safety lever to the "up" position to lock the compression switch. To unlock the compression switch, move the safety lever into the "down" position. Gas can only be dispensed when the safety lock is in the unlocked "down" position.

GAS ADMINISTRATION:

Room Check Air Flow: For small exam rooms, perform simple tasks to confirm air passes past the animal's face (first) and out the room (second). Simple tasks include positioning the table so that the animal's head is nearest the outgoing air vent, turn on the air to the room when possible. If you're not sure where the air leaves the room consider leaving the door partially open. .



- ⚠ WARNING: FAILURE TO HOLD THE DEVICE VERTICAL MAY RESULT IN ICE BURN.
- ⚠ WARNING: NEVER USE THE INHALER WITHOUT THE MASK
- ⚠ WARNING: ANIMAL WILL HEAR A HISSING NOISE AND SEE AND FEEL A COLD WHITE MIST. THIS IS NORMAL.

Anxiety: Give to the animal at any time. Cats may require more than 1 dose.

Procedure: For a procedure, perform the most painful portion of the procedure when the animal is at its deepest level (approximately 1 minute into administration).

Do NOT attempt to use this device as the only source of anesthetic. Continue to use normal anesthetic procedures.

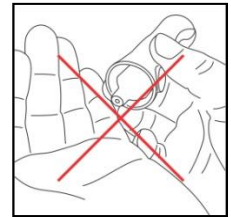
Regardless of the position of the animal the inhaler must be held vertical.

A tight seal around the nose of the animal is NOT required; however the objective is to have the animal inhale as much gas as possible.

Hold animal firmly. Your animal may struggle for the first while. This is normal. Holding the device vertical, place the mask on the nose and mouth of the animal. Begin gas flow by squeezing the compressing switch. Full compression is not necessary. Squeeze compression switch continuously until the animal is ready to begin the procedure. To stop gas flow simply release compression switch.

REMOVING GAS CYLINDER:

- ⚠ WARNING: FAILURE TO RELEASE ALL GAS BEFORE REMOVING CYLINDER MAY RESULT IN ICE BURN. HOLD THE COMPRESSION SWITCH ON THE "ON" POSITION UNTIL ALL GAS HAS BEEN RELEASED.
- ⚠ WARNING: NEVER TOUCH THE USED CYLINDER. NEVER TURN THE USED CYLINDER UPSIDE DOWN IN YOUR HAND. GAS LEFT IN THE CYLINDER MAY CAUSE ICE BURN. DISCARD DIRECTLY INTO TRASH WITHOUT TOUCHING THE CYLINDER.



After use, while holding inhaler vertical, expel all remaining gas into the air before removing cylinder. If you attempt to remove the cylinder and you hear a hissing noise, STOP, let all gas release before continuing unscrewing the cup. Dump used cylinder directly into trash without touching or holding the cylinder. Do not turn the cylinder upside down in your hand. Discard mask. The inhaler may be cold to the touch. This is normal

CLEANING INHALER BETWEEN PATIENTS

The mask is disposable and is discarded. Wipe down mask and inhaler with 70% Isopropyl alcohol. The inhaler is designed to be transported with a new cylinder placed 'upside down' in the cup.


OTHER IMPORTANT INFORMATION:

Storage and Transport:	Store gas/mouthpiece and inhaler in a cool dry place and under lock and key to avoid abuse. Keep away from open flame during storage and during gas administration. The Inhaler is designed to be compact for easy pocket transport.
Hypoxia	The amount of nitrous oxide is limited and therefore limits the amount of hypoxia the animal will experience, however, pulse oximetry is always a good idea and easy to perform. Never take the animal below 70%.
What to expect from your animal	Your animal may struggle for the first 20 seconds (due to noise of gas). The more gas your animal inhales the calmer it will become. Outcomes may vary pending inhalation depth. The animal will appear relaxed and breathing will slow. The animal may appear sleepy but will be able to hear and react to light tactile stimulation. The animal will still feel pain but pain and anxiety reduction should be in effect.
Stopping Gas:	The veterinarian professional can stop administration of gas at any time for any reason. It is recommended but not required that all gas be administered if it does not interfere with the procedure, however, The amount of gas is safely limited to 16 grams (8.6 liters).
Animal Care:	The animal is not to be left alone until the procedure or exam is complete and until all of the following parameters are met: Animal 1) does not appear "dizzy" 2) can ambulate 3) has minimal nausea 4) is absent of respiratory distress 5) is alert and oriented
First Aid :	In the event of any problem, stop gas administration and allow the animal to breathe fresh air. If breathing appears to be difficult, give oxygen. In case of frostbite, obtain medical treatment immediately.
Time to take effect:	Each animal is different.
How long effect lasts:	Each animal is different
Federal law:	Caution: Federal law restricts this device to veterinarian use only.
Device Cleaning	Dispenser and mask is supplied non- sterile. Cleaning dispenser may be performed using alcohol (70% solution) and paper towels.
Exposure Limits and Venting	This product meets all OSHA, NIOSH and ACGIH exposure limits if used as instructed. If you would like to monitor N ₂ O levels at your facility, contact us. Health care professionals should limit their exposure to 15 doses per 8 hour day. No special venting or scavenging equipment is required.
Disposable / Re-usable	The N ₂ O gas cylinder is disposable. The dispenser is reusable up to 150 times. Always use a new N ₂ O gas supplied by Strata Medical for each animal.
Gas Purity	Never use gas from another source. Strata Medical N ₂ O gas meets United States and European Pharmacopoeia standards for medical grade gas purity.
Expiration Date	The gas is good as long as the cylinder is uncompromised.

ADDITIONAL WARNINGS AND PRECAUTIONS (READ CAREFULLY):

- Warning:** Use only USP medical grade nitrous oxide supplied by Strata Medical Innovations.
- Warning:** Veterinarian professionals: If you are pregnant or think you may become pregnant do not administer this gas.
- Warning:** Do NOT point the device at your eyes.

NOTIFY MANUFACTURER BELOW OF ANY PRODUCT COMPLAINTS OR PERFORMAMCE ISSUES

<table border="1" style="display: inline-table;"> <tr> <td style="padding: 5px;">EC</td> <td style="padding: 5px;">REP</td> </tr> </table>	EC	REP	<p>Authorized Representative ARAZY GROUP GmbH Am Kalkofen8, Wollstadt, 61206 Germany Tel: +49 60 34 90 59 49 -0 Fax: +44 1923 859 810 - 9</p>		<p>Manufacturer: Strata Medical Innovations 3706 76th Street, Lubbock, Texas 79423 Tel: 806 787-0756 Fax: 806-793-3177</p>
	EC	REP			



Temperature Limitations (Store gas between 50 and 75°C)



Lot number appears on N2O gas cylinder



Do not reuse mask or gas cylinder



Use before (see labeling on mask / gas box)



Consult Instructions for Use