

NITROUSEAL® NITROUS ANALGESIA SYSTEM

The premium and only complete nitrous oxide system available.



Mouthpiece and Nitrouseal® circuit ideal for procedures around the nose and mouth



Nitrouseal® mask and circuit ideal for body procedures as well as face and neck



Nasal hood ideal for procedures in and around the mouth

Nitrouseal® Overall Benefits, Safety, and Regulations

BENEFITS

- Adjustable:** nitrous concentration
- Titrateable:** to the individual patient to avoid the unpleasant side effects of too much nitrous
- Safe:** Can give 100% of O₂ at beginning and end of each procedure [very important safety feature]
- Scavenging:** FDA-cleared suction pump: eliminates room contamination with nitrous [very important for staff safety] – all exhaled air from patient scavenged [very important in COVID 19 era]
- Patented:** mask and circuit designed by an anesthesiologist for safety, comfort, and to minimize room contamination [tested at two large pediatric hospitals and proven to minimize nitrous contamination]
- Minimal sedation:** avoids regulations governing moderate sedation or deeper levels of anesthesia

SAFETY

- FDA-cleared scavenger suction pump to eliminate exhaled nitrous
- Auto nitrous shutoff if no oxygen is sensed
- Programmable nitrous concentration limit to 50%
- Alarms inform which gas has run out
- Four tank stand – never run out of gas during a procedure

REGULATIONS

In some states only Nitrouseal® can be used. For example, Delaware only allows nitrous below 50%. Nitrouseal® can be used because it can administer any concentration of nitrous between 0-49%.

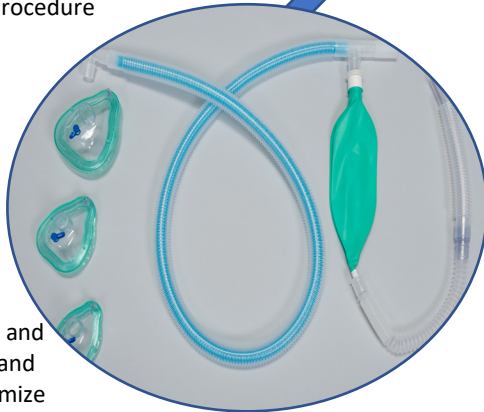


Adjustable flowmeter from 0-50% nitrous (upper limit can be raised to 70% in mountain states) 100% oxygen at the end of each procedure



Only FDA-cleared portable scavenger available in the United States (CDC, NIOSH, and OSHA all recommend scavenging to eliminate nitrous)

Only Complete Nitrous System Available



Patented mask and circuit tested and proven to minimize room contamination



Nitrouseal® Benefits to Practitioner and Patients Specifically

Benefits to Practitioners	Benefits to Patients
More comfortable patients: increase referrals, more likely to return for additional treatments, improve reputation of practice, easier to perform procedures, more revenue for practice	Pain and anxiety relief: non-opioid
Safe for patient: does not depress respiration or airway reflexes. Pt's awake and can communicate during procedure	Self-administered: easy to use
Safe for staff: all waste nitrous is scavenged and eliminated from procedure room so avoid risks of chronic exposure	Very rapid onset and offset
Easy to learn and easy to use: Nitrouseal® provides on-site training and is available to answer questions and provide additional on-line help	Patients can drive themselves home: nitrous eliminated so rapidly that patients are ready to go within 30 minutes



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One or more of the following U.S. Patents may be applicable to the Nitrouseal® mask and/or breathing circuit: 8,336,549; 8,826,905; 10,722,674; D697,202; D658,284; D615,643; D598,537; ©Sedation Systems, LLC 2022. All rights reserved.