PORTER

The Trusted Name In Nitrous Oxide Systems

Nitronox™ Demand Flow

Nitrous Oxide And Oxygen Analgesia System

- Fixed 50%/50% N_2O and O_2
- Pain Management
- Patient Self-Administered
- Fast Acting/Short Duration of Effect

Parker Porter

MMSI McARTHUR MEDICAL SALES INC.

Porter Instrument – The Leader In Nitrous Oxide And Oxygen Systems For Over 40 Years.

When safety, precision, reliability, and ease of use are critical, Porter nitrous oxide and oxygen systems are the number one choice of health care professionals around the world.

Porter is here to support and assist you as you start the process to implement a nitrous oxide and oxygen program at your facility. In addition to the quality and reliability of our products, we can provide you with:

- **SAMPLE POLICIES**
- **ARTICLES AND STUDIES**
- **ON SITE IN-SERVICE AND ONLINE TRAINING INCLUDED WITH PURCHASE OF EQUIPMENT!**
- **CONTACTS AT OTHER FACILITIES**

We look forward to helping you and your team!

The Porter Nitronox™ E Cylinder Packages include the Nitronox demand flow system, Nitronox Scavenger Tube, and either a 4 or 2 cylinder mobile cart.

BENEFITS OF NITROUS OXIDE AND OXYGEN FOR LABOR AND DELIVERY APPLICATIONS

- Proven safe – Decades of use globally
- Ease of administration – Non-invasive
- Fast acting analgesic – Takes effect in minutes
- Short duration of effect – Wears off in minutes
- Additional pain management tool
- Attract new patients
- Patient self administered – Empower patients to control their own pain management
- Ideal for use during labor as well as post birth procedures
- Improves patient satisfaction
- Cost effective and low cost of use

Safety Features

- Fixed 50/50 N_2O and O_2 delivery
- Built in oxygen fail-safe
- Demand flow – Patient only receives what they inhale
- Patient self-administered
- Audible mixture pressure alarm
- Visual gas pressure and mixture gauges
- O_2 enrichment feature
- Lock out feature to prevent use
- Scavenging – Can connect to any vacuum or WAGD source
- E-stand mobile cart holds ready-to-use reserve gas cylinders

Porter Nitronox Facts

- Manufactured and serviced in the USA
- Proven technology and safety record
- Track record of durability
- Experienced and knowledgeable sales/service team
- In-service training available

For more information contact:

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McARTHUR
MEDICAL SALES INC.

1846 5th Concession W., P.O. Box 7, Rockton, Ontario L0R 1X0
Tel. (519) 622-4030 • Toll Free Line 1-800-996-6674 • Fax (519) 622-1142
www.mcarthurmedical.com • mmsi@mcarthurmedical.com

Nitrous Oxide and Oxygen – A Safe, Proven Method For Women In Labor To Control Their Pain Relief

Porter Nitronox


Patient Self-Administered

Join the growing number of hospitals and birth centers offering Porter Nitronox™ with great success. Decades of use around the world, clinical research and successful practice have shown that the inhalation of 50% nitrous oxide and 50% oxygen provides safe, fast, and effective pain relief in a variety of medical settings including labor and delivery. The inhaled analgesic takes effect quickly, has few contraindications and side effects, and best of all, a short duration of effect of only minutes.

Patients like using Nitronox because it's self-administered, empowering them to safely and effectively help them manage the discomfort of labor and post-birth procedures while remaining alert and conscious.

Hospitals and birth centers like using Nitronox because it provides an additional pain management tool while helping them to attract and retain new patients, improve patient satisfaction, and for birth centers, potentially reduce transfers.

What Patients Are Saying

Here are some quotes from a recent survey showing what new mothers had to say about their experiences with Nitronox during and after labor.

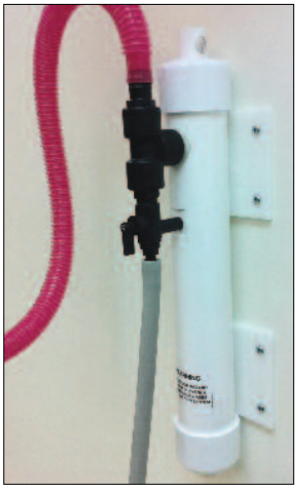
"Knowing I would have access to a pain aid that would not interfere with the health of my baby or my ability to move and labor in the way I wanted was very appealing."

"I liked that I was in total control and was able to regulate how much or how little I needed. I also liked the fact that the gas did not take away my ability to feel the pain or listen to what my body was telling me to do."

"During stitching after the birth – it caused me to relax and not feel the anxiety I usually have with needles or any pain associated with the experience."

Safe Scavenging

Ensure safe working environments for your staff by meeting OSHA suggested guidelines. All Porter systems have scavenging capabilities for safe and efficient removal of exhaled waste gas. The Nitronox Scavenger Tube connects directly to your wall vacuum or WAGD outlet connections, allowing the exhaled gas to be safely vented to the outside environment. If you do not have a central vacuum system, the Porter Mini Vacuum is the perfect solution.

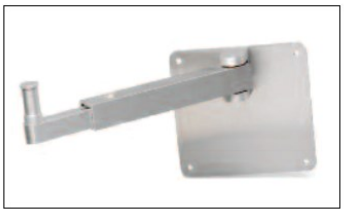

Nitronox Scavenging Tube


Mini Vacuum System

Nitronox Mounting Options

4 Cylinder E-Stand
2 - O_2 and 2 - N_2O

2 Cylinder E-Stand
1 - O_2 and 1 - N_2O
(or 2 N_2O)



Wall Arm Mount
Custom mounting options available for Booms, Walls, Rails, and more.

Breathing Circuit Mask

Breathing Circuit

Breathing Circuit Mouthpiece

Nitronox Specifications

Nitronox Housing Dimensions (H x W x D)	9" x 5 ½" x 5"
Portable Stand Dimensions	
Overall Height Stand	49" max – 41" min
Stand Width at Base	22"
Weight	8.2 pounds
Mixed Gas Outlet Connection	Black hose to quick disconnect to Demand Valve
Oxygen Inlet	DISS ½" OD (Diameter Indexed Safety System) Green Hose
Nitrous Oxide Inlet	DISS 3/8" OD (Diameter Indexed Safety System) Blue Hose
Inlet Pressure (Each gas)	50 – 55 psi (adjusted at E-Stand); 40 – 65 psi (central gas supply; O_2 input pressure cannot exceed N_2O input pressure by 15 psi or higher
Instantaneous Flow Capability	114 LPM Maximum
Delivered Mixture Concentration	50% N_2O and 50% O_2 (+/- 5 percentage points O_2; at typical deep breathing)
Nitronox Scavenger Vacuum Connection	3/8" ID vacuum hose on 3/8" hose barb
Scavenger Hose	19 mm ID
Vacuum Flow (dependent on vacuum source)	30 – 35 LPM Maximum (ball valve lever in full on position)
Operating Temperature	40°F (5°C) minimum; 140°F (60°C) maximum

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