

# S8800B

## Nitrous Oxide Sedation System

Friendly Powerful Reliable

### Application

The Nitrous Oxide Sedation System makes a good performance in gastrointestinal endoscope department, obstetrics department, dentistry department and other departments. When the patient is conscious, inhalation of proportionally mixed nitrous oxide and oxygen is universally recognized as the safest, most effective and receptive way of sedation. It is widely used anesthetics in both dental and medical applications. Perlong Medical Nitrous Oxide Sedation System offers you the choices you need in ventilation, monitoring and technique.

### Trust Points

- Simplicity: easy to use, easy to move with 5 casters.
- Convenient: compact interface and big screen give you better operating experience.
- Option: adapt the equipment to your patients and procedures freely.
- Friendly: flexible configurations to meet your requirement.
- Quality: international standard and advanced technology make it suitable for wide range use.
- Trust: designed and manufactured by Perlong Medical with over 23 years experience in this field.
- Worldwide: over 3,000 units are installed in the world.

### Features

- 7" TFT LCD screen displays the ventilation parameters, alarm information and oscillographs.
- Integrated breathing circuit design, ensure easy operation and keep tidy.
- Multiple parameters monitoring interface, make every parameter clear, let users know the patient conditions in all aspects.
- Multiple ventilation modes, suitable for different clinical needs.
- Electronic control mixed gas blender, high precision adjustment.
- Built-in concentration monitoring system, real-time monitoring of airway pressure.

### Common Procedures Completed with Nitrous Oxide Sedation System

- VCUG/RNC
- IV Starts
- Gastrostomy
- Joint Injections
- Childbirth
- PICC Lines
- CT Scans
- Botulinum
- Incision and Drainage
- Sutures
- ISAT
- Electromyelograms
- Barium Enemas
- Catheter Insertions
- Lumbar Punctures



### Stomatological Department

Dental Department

Others



### Gastroenterology Department

Gastroscopy

Gastrostomy

Colonoscopy

Others

Barium Enemas



### Obstetrics

Hysteroscopy

Childbirth

LEEP operation

Others



### Burn Department

Remove scab

Change dressing



### Cosmetology Department

Laser

Botulinum injections

Hair transplant

Others



### Oncology Department

### Emergency Department

### Orthopaedics Department



7" TFT LCD screen



Pressure Gauge



Shuttle button



Stainless steel material



Gas cylinders



Brake

### Safety

- Three levels alarm system, come with visual and audible alarm information.
- With lots of alarm, reminding and protection functions.
- Advanced power management control technology.
- Built-in backup battery provides the emergency power supply to the unit.

Nitrous oxide is a very quick-acting inhaled sedation medicine that decreases discomfort and anxiety. Nitrous oxide sedation has been widely used in clinical practice for 160 years. It has been most widely used in the left common procedures.

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