

## Gas Supply Hoses Quick Start Guide



Rx Only



### 1. Use of the Device

The Gas Supply Hose is to be used in a Nitrous Oxide/Oxygen Conscious Sedation System only. Please refer to Instructions For Use of the Gas Mixing Device (FM-1406, 10545100, 10049600, FM-825, FM-1496) and Mounting Stand (FM-916, FM-1346) for complete information on use of this device and safe combination.

### 2. Intended Use/Intended Purpose

The Gas Supply Hose is intended to deliver oxygen and nitrous oxide medical gas to the gas mixing device within the nitrous oxide/oxygen delivery and scavenging system. The gas supply hose is intended to interface with various components and assemblies including valves, connectors, and adaptors.

### 3. Models

Device Model Table

| Model Number | Model Description               |
|--------------|---------------------------------|
| 8000.5       | Hose, O2, 6 in                  |
| 8001         | Hose, O2, 1 ft                  |
| 8001.67      | Hose, O2, 20 in                 |
| 8002         | Hose, O2, 2 ft                  |
| 8002.33      | Hose, O2, 28 in                 |
| 8003         | Hose, O2, 3 ft                  |
| 8004         | Hose, O2, 4 ft                  |
| 8005         | Hose, O2, 5 ft                  |
| 8006         | Hose, O2, 6 ft                  |
| 8007         | Hose, O2, 7 ft                  |
| 8008         | Hose, O2, 8 ft                  |
| 8009         | Hose, O2, 9 ft                  |
| 8012         | Hose, O2, Chemetron (NCG), 2 ft |
| 8013         | Hose, O2, Chemetron (NCG), 3 ft |
| 8014         | Hose, O2, Chemetron (NCG), 4 ft |
| 8015         | Hose, O2, Chemetron (NCG), 5 ft |
| 8016         | Hose, O2, Chemetron (NCG), 6 ft |
| 8017         | Hose, O2, Chemetron (NCG), 7 ft |
| 8018         | Hose, O2, Chemetron (NCG), 8 ft |
| 8022         | Hose, O2, Puritan, 2 ft         |
| 8023         | Hose, O2, Puritan, 3 ft         |
| 8024         | Hose, O2, Puritan, 4 ft         |
| 8025         | Hose, O2, Puritan, 5 ft         |
| 8026         | Hose, O2, Puritan, 6 ft         |
| 8027         | Hose, O2, Puritan, 7 ft         |
| 8028         | Hose, O2, Puritan, 8 ft         |
| 8029         | Hose, O2, Puritan, 9 ft         |
| 8033         | Hose, O2, Schrader, 3 ft        |
| 8034         | Hose, O2, Schrader, 4 ft        |
| 8035         | Hose, O2, Schrader, 5 ft        |
| 8038         | Hose, O2, Schrader, 8 ft        |
| 8042         | Hose, O2, Oxequip, 2 ft         |
| 8043         | Hose, O2, Oxequip, 3 ft         |
| 8044         | Hose, O2, Oxequip, 4 ft         |
| 8045         | Hose, O2, Oxequip, 5 ft         |
| 8046         | Hose, O2, Oxequip, 6 ft         |
| 8047         | Hose, O2, Oxequip, 7 ft         |
| 8052         | Hose, O2, Porter, 2 ft          |

| Model Number | Model Description                       |
|--------------|---|
| 85015*       | Hose, N2O, DISS / DISS Fittings (15 Ft) |
| 91505068     | Hose, O2, Matrx Female / 1/4 MNPT       |
| 93305340     | Hose, O2, Hose DISS Female QC Male      |
| 80010-F/M    | Hose, O2, F/M, 10 ft                    |
| 8003-F/M     | Hose, O2, F/M, 3 ft                     |
| 8004-F/M     | Hose, O2, F/M, 4 ft                     |
| 8005-F/M     | Hose, O2, F/M, 5 ft                     |
| 8008-F/M     | Hose, O2, F/M, 8 ft                     |
| 80610-ISO*   | Hose, O2/N2O, 10 ft                     |
| 80615-ISO*   | Hose, O2/N2O, 15 ft                     |
| 8063-ISO*    | Hose, O2/N2O, 3 ft                      |
| 8065-ISO*    | Hose, O2/N2O 5 ft                       |
| 8503-B       | Hose, N2O, 3 ft                         |
| 8505-F/M     | Hose, N2O, F/M, 5ft                     |
| 92305110-1   | Hose, O2, F/F, 1 ft                     |
| 92305110-10  | Hose, O2, F/F, 10 ft                    |
| 92305110-2   | Hose, O2, F/F, 2 ft                     |
| 92305110-3   | Hose, O2, F/F, 3 ft                     |
| 92305110-4   | Hose, O2, F/F, 4 ft                     |
| 92305110-5   | Hose, O2, F/F, 5 ft                     |
| 92305110-6   | Hose, O2, F/F, 6 ft                     |
| 92305110-7   | Hose, O2, F/F, 7 ft                     |
| 92305110-8   | Hose, O2, F/F, 8 ft                     |
| 92305118-1   | Hose, O2, Ohio, 1 ft                    |
| 92305118-2   | Hose, O2, Ohio, 2 ft                    |
| 92305118-3   | Hose, O2, Ohio, 3 ft                    |
| 92305118-4   | Hose, O2, Ohio, 4 ft                    |
| 92305118-5   | Hose, O2, Ohio, 5ft                     |
| 92305118-6   | Hose, O2, Ohio, 6 ft                    |
| 92305119-5   | Hose, N2O, Ohio, 5 ft                   |
| 92305120-3   | Hose, O2, HA, 3 ft                      |
| 92305120-5   | Hose, O2, HA, 5 ft                      |
| 92305126-1   | Hose, O2, F/M Ohio, 1 ft                |
| 92305126-10  | Hose, O2, F/M Ohio, 10 ft               |
| 92305126-12  | Hose, O2, F/M Ohio, 12 ft               |
| 92305126-15  | Hose, O2, F/M Ohio, 15 ft               |
| 92305126-18  | Hose, O2, F/M Ohio, 18 ft               |
| 92305126-2   | Hose, O2, F/M Ohio, 2 ft                |

| Model Number | Model Description                                   |
|--------------|---|
| 8053         | Hose, O <sub>2</sub> , Porter, 3 ft                 |
| 8054         | Hose, O <sub>2</sub> , Porter, 4 ft                 |
| 8055         | Hose, O <sub>2</sub> , Porter, 5ft                  |
| 8065         | Hose, O <sub>2</sub> /N <sub>2</sub> O, Porter, 5ft |
| 8072         | Hose, O <sub>2</sub> , Ohmeda, 2 ft                 |
| 8073         | Hose, O <sub>2</sub> , Ohmeda, 3 ft                 |
| 8074         | Hose, O <sub>2</sub> , Ohmeda, 4 ft                 |
| 8075         | Hose, O <sub>2</sub> , Ohmeda, 5 ft                 |
| 8077         | Hose, O <sub>2</sub> , Ohmeda, 7 ft                 |
| 8078         | Hose, O <sub>2</sub> , Ohmeda, 8 ft                 |
| 8082         | Hose, O <sub>2</sub> , Elbow, ft.                   |
| 8095         | Hose, O <sub>2</sub> , Oxequip Medstar, 5ft.        |
| 8503*        | Hose, N <sub>2</sub> O, 3ft                         |
| 8505*        | Hose, N <sub>2</sub> O                              |
| 8515         | Hose, N <sub>2</sub> O, Chemetron (NCG), 5 ft       |
| 85110        | Hose, N <sub>2</sub> O, Chemetron, 10 ft            |
| 8525         | Hose, N <sub>2</sub> O, Puritan, 5 ft               |
| 85210        | Hose, N <sub>2</sub> O, Puritan, 10 ft              |
| 8535         | Hose, N <sub>2</sub> O, Schrader, 5 ft              |
| 8545         | Hose, N <sub>2</sub> O, Oxequip, 5ft                |
| 8585         | Hose, N <sub>2</sub> O, Elbow, 5 ft                 |
| 8595         | N <sub>2</sub> O, Medstar Male/DISS Female, 5ft     |
| 80010        | Hose, O <sub>2</sub> , 10 ft                        |
| 80012        | Hose, O <sub>2</sub> , 12 ft                        |
| 80015        | Hose, O <sub>2</sub> , 15 ft                        |
| 80110        | Hose, O <sub>2</sub> , Chemetron (NCG), 10 ft       |
| 80112        | Hose, O <sub>2</sub> , Chemetron (NCG), 12 ft       |
| 80210        | Hose, O <sub>2</sub> , Puritan, 10 ft               |
| 80410        | Hose, O <sub>2</sub> , Oxequip, 10 ft               |
| 80510        | Hose, O <sub>2</sub> , Porter, 10 ft                |
| 80710        | Hose, O <sub>2</sub> , Ohmeda, 10 ft                |

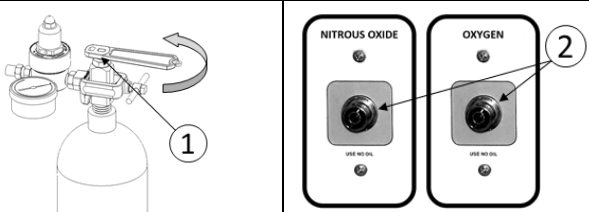
| Model Number | Model Description  |
|--------------|--|
| 92305126-3   | Hose, O <sub>2</sub> , F/M Ohio, 3 ft                        |
| 92305126-4   | Hose, O <sub>2</sub> , F/M Ohio, 4 ft                        |
| 92305126-5   | Hose, O <sub>2</sub> , F/M Ohio, 5 ft                        |
| 92305126-6   | Hose, O <sub>2</sub> , F/M Ohio, 6 ft                        |
| 92305126-7   | Hose, O <sub>2</sub> , F/M Ohio, 7 ft                        |
| 92305126-8   | Hose, O <sub>2</sub> , F/M Ohio, 8 ft                        |
| 92305126-9   | Hose, O <sub>2</sub> , F/M Ohio, 9 ft                        |
| 92305127-5   | Hose, N <sub>2</sub> O, F/M Ohio, 5 ft                       |
| 92305127-10  | Hose, N <sub>2</sub> O, DISS Ohio, 10 ft                     |
| 92305119-2   | Hose, N <sub>2</sub> O, DISS Female Ohio, 2 ft               |
| 92305288-10  | Hose, O <sub>2</sub> , Handtwist, 10 ft                      |
| 92305288-3   | Hose, O <sub>2</sub> , Handtwist, 3 ft                       |
| 92305288-4   | Hose, O <sub>2</sub> , Handtwist, 4 ft                       |
| 92305288-5   | Hose, O <sub>2</sub> , Handtwist, 5 ft                       |
| 92305288-6   | Hose, O <sub>2</sub> , Handtwist, 6 ft                       |
| 92305289-5   | Hose, N <sub>2</sub> O, DISS Twist Female/DISS Female, 5ft.  |
| 92305289-10  | Hose, N <sub>2</sub> O, DISS Twist Female/DISS Female, 10ft. |
| 92305291-10* | Hose, O <sub>2</sub> , Matrx-M/DISS-F Fittings (10 ft)       |
| 92305291-15* | Hose, O <sub>2</sub> , Matrx-M/DISS-F Fittings (15 ft)       |
| 92305291-3*  | Hose, O <sub>2</sub> , Matrx-M/DISS-F Fittings (3 ft)        |
| 92305291-5*  | O <sub>2</sub> , Matrx-M/DISS-F Fittings (5 ft Length)       |
| 92305297-10* | Hose, O <sub>2</sub> , DISS-F / DISS-F Fittings (10 ft)      |
| 92305297-12* | Hose, O <sub>2</sub> , DISS-F / DISS-F Fittings (12 ft)      |
| 92305297-15* | Hose, O <sub>2</sub> , DISS-F / DISS-F Fittings (15 ft)      |
| 92305297-3*  | Hose, O <sub>2</sub> , DISS-F / DISS-F Fittings (3 ft)       |
| 92305297-5*  | Hose, O <sub>2</sub> , DISS-F / DISS-F Fittings (5 ft)       |
| B-1329-5     | Hose, O <sub>2</sub> /N <sub>2</sub> O, DISS/Porter          |
| 85010*       | Hose, N <sub>2</sub> O, DISS / DISS Fittings (10 Ft Length)  |
| 85012*       | Hose, N <sub>2</sub> O, DISS / DISS Fittings (12 Ft Length)  |
| 80910        | Hose, O <sub>2</sub> , Medstar, QC                           |
| 85410        | Hose, N <sub>2</sub> O, Medstar, 10ft                        |

\*Denoted as CE Certified and available on European Market. Other models may be available on other international markets.

#### 4. Pre-Checks

| Check  | Frequency        |
|--|------------------|
| Inspect hoses, fittings, and connections for damage, wear, and leaks.  | Before every use |
| The device has an expected lifetime of 20 years and once it reaches this age, any damage will indicate that the device has reached the end of its useful life. |                  |

#### 5. Instructions for Use

|   |  |  |
|---|--|--|
| 1 | Refer to the Gas Mixing Device or Mounting Stand Instruction for Use and Installation Guide for connecting the hose to the device.   |  |
| 2 | Ensure the device is securely mounted.   |  |
| 3 | Ensure the necessary prechecks have been performed   |  |
| 4 | Turn on the N <sub>2</sub> O and O <sub>2</sub> gas supplies. If using gas cylinders, slowly open the <b>cylinder valves</b> (1). If connecting to a wall supply, connect the supply lines to the appropriate <b>outlet connections</b> (2). |  |
| 5 | When using a compatible portable mounting accessory, supply pressure is preset by the manufacturer. When using a wall supply, ensure supply pressure is within specification, 50-73 psi (344.7-503.3 kPa)                                    |  |

## 6. Safety Information



**CAUTION:** Federal law restricts this device to sale by or on the order of a physician or dentist.



**CAUTION:** Do not attempt to repair, calibrate, or alter this device. Unauthorized repair, calibration, alteration, or misuse of this device is likely to adversely affect performance and will void the warranty.



**WARNING:** This product can expose you to chemicals, including lead and formaldehyde, which are known to the State of California to cause cancer, birth defects, or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).



**WARNING:** For centrally piped facilities, properly connected gas pipelines are essential to patient safety. The ultimate responsibility of assuring that lines are not crossed rests with the user. Piped medical gas systems shall be installed and tested per NFPA 99. The user should maintain records that the system was tested for crossed lines by the certified medical gas plumber and third-party verifier. The user should verify by their own independent test that gas lines are not crossed in each room prior to the initial use.



**WARNING:** Do not use this device for the administration of general anesthesia or as part of, or in conjunction with, a general anesthesia administration system.



**WARNING:** Workers exposed to excessive N<sub>2</sub>O may suffer harmful effects. The healthcare professional is responsible for employing proper techniques, such as scavenging, room ventilation, system maintenance, and patient compliance to reduce exposure. (ACGIH recommends a Threshold Limit Value of 50 parts per million over an 8-hour time-weighted average).



**WARNING:** Always use clean, dry, medical grade gases and never oil or grease any part of the device.



**WARNING:** The user should observe the patient to prevent over sedation in the event of an O<sub>2</sub> failsafe malfunction or a crossed lines situation. If a patient becomes overly sedated when being delivered 100% O<sub>2</sub>, immediately remove the mask and encourage mouth breathing. This is an indication of a failsafe malfunction or crossed lines. In this case, only deliver pure O<sub>2</sub> from an independent source.



**WARNING:** Proper inspection and maintenance of this device is essential to prevent gas leaks. All hoses, fittings, and connections should be inspected regularly, and all leaks should be repaired immediately.



**WARNING:** Do not change the connection fitting type or diameter of the supply hoses. The Diameter Indexed Safety System (DISS) is designed to prevent misconnection of N<sub>2</sub>O and O<sub>2</sub> supply lines.



**WARNING:** Do not disconnect with supply line while pressurized. Always disconnect at supply source first.

Visit our website: <http://www.porterinstrument.com/medical> for additional information. To download Instructions for Use: visit [www.porterinstrument.com/medical-support](http://www.porterinstrument.com/medical-support).

## 7. Representation

|   |   |  |
|---|---|--|
|  | <b>Legal Manufacturer</b>                                     | Parker Hannifin Corporation<br>Precision Fluidics Division<br>245 Township Line Road<br>Hatfield, PA 19440 USA<br>Office: (215) 723-4000                                   |
|  | <b>European Communities<br/>Authorized<br/>Representative</b> | EMERGO Europe<br>Westervoortsedijk 60<br>6827 AT Arnhem, The Netherlands<br>Tel: +31 70 345 8570   |
|  | <b>Conformité Européenne<br/>(CE) Mark</b>                    | Compliance with conformity assessment on quality management system and technical documentation per Regulations (EU) 2017/745 for Medical Device, Annex IX Chapters I & III |
|  | <b>Switzerland<br/>Authorized<br/>Representative</b>          | Medenvoy<br>Gotthardstrasse 28<br>6302 Zug<br>Switzerland<br>+41 41 562 01 42  |