

Disposable Medical Breathing Circuit, Second Generation, Quick Start Guide



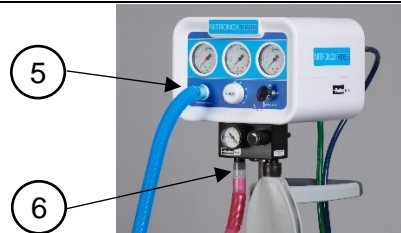
1. Use of the Device

The Disposable Medical Circuit (DMC) is to be used by a healthcare professional trained in the use and administration of Nitrous Oxide and Oxygen. Please refer to Instructions for Use of the Disposable Medical Circuit (FM-1545) for complete information on use of this device and safe combination with other devices.

2. Intended Use/Intended Purpose


The DMC is intended to deliver a mixture of nitrous oxide and oxygen gases to a patient through an inhalation route and scavenge waste gas through an exhalation route.

3. Instructions for Use

1	Refer to the Disposable Medical Circuit Instruction for Use FM-1544 and ensure device is properly connected.	
2	Before using the Disposable Medical Circuit, check the following: <ul style="list-style-type: none"> Hose connections are secure. The circuit is free of physical damage. 	
3	Ensure vacuum system is operating. <ul style="list-style-type: none"> Refer to Scavenger Control Device Instruction for Use. 	
4	When expanding the tubing of the circuit, be sure to hold the tubing where it connects to the T-handle (1 and 2), then pull opposite end to expand.	
5	Attach the face mask (3) or mouthpiece (both not included) to the T-Handle (4) of the Disposable Medical Circuit. Note: Do not use strap on face mask. Note: If tubing is removed from T-Handle connection, reattach the tubing.	
6	Attach the fresh gas tubing (5) of the circuit (Blue Tube) to the delivery system.	
7	Attach the waste gas tubing (6) of the circuit (Magenta Tube) to the Scavenger Control Device.	
8	Instruct the patient to inhale through the face mask or mouthpiece. Patient should also be instructed to exhale through the face mask or mouthpiece to achieve effective scavenging.	
9	Monitor the vacuum conditions during the procedure and adjust vacuum flow as necessary to maintain effective scavenging.	
10	If patient shows signs or communicates conditions of over-sedation, adjust the conscious sedation device to 100% O ₂ or encourage room air breathing.	

4. Cleaning

The DMC, Face Mask, and Mouthpiece are single-use disposable devices and should not be cleaned.

 **WARNING:** When using single use breathing circuit components, dispose of after the procedure to prevent patient cross-contamination. Do not attempt to clean, sterilize, sanitize, or reuse.



5. Safety Information



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



WARNING: Do not use or replace any components or accessories, except those specified in these instructions for use and installation guide.



WARNING: Do not modify this equipment without authorization of the manufacturer.



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 N₂O 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 O₂ failsafe malfunction or a crossed lines situation. If a patient becomes overly sedated when being delivered 100% O₂, 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 O₂ from an independent source.



Visit our website: <https://www.porterinstrument.com/medical-nitrous-applications> for additional information.
To download Instructions for Use: visit www.porterinstrument.com/medical-support. Choose "Breathing Circuit" from the dropdown within the "Product Download" section.

Refer to FM-1545 for complete instructions and safety information.



Rx Only

