

# PIP+™ Scavenging Circuit

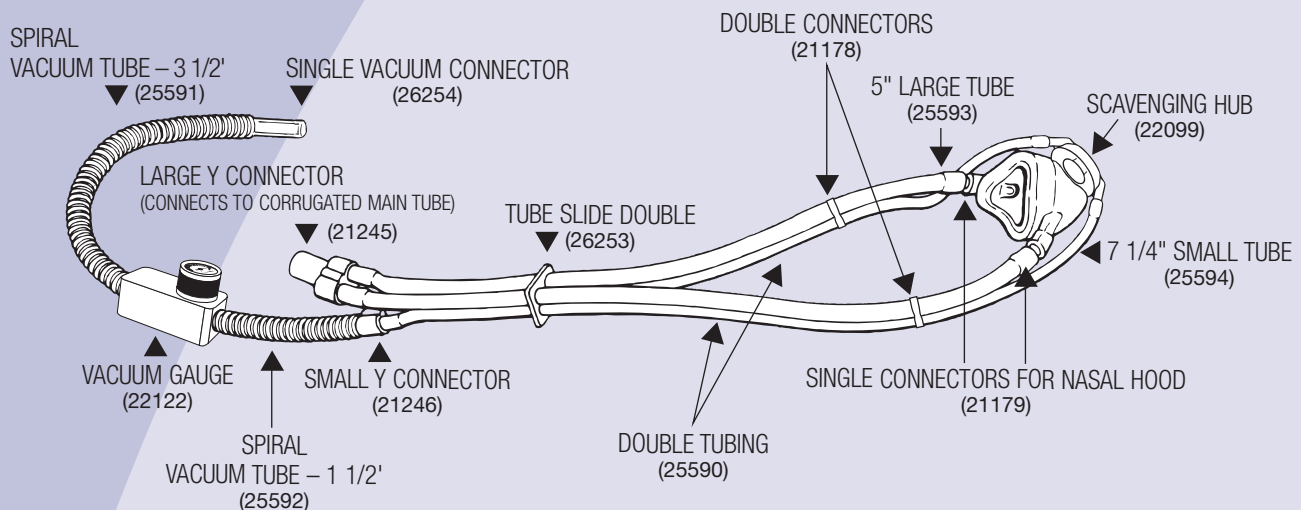
## Introducing your new PIP+™ Accutron Scavenging Circuit. . .

The PIP+™ Scavenging Circuit is available in two convenient packages:

**PIP+ SCAVENGING CIRCUIT I** includes a complete Scavenging Circuit and complimentary PIP+ Nasal Hoods.

**PIP+ SCAVENGING CIRCUIT II** includes a complete Scavenging Circuit, a Reservoir Bag, a Corrugated Tube and complimentary PIP+ Nasal Hoods.

The new low-profile Scavenging Circuit is simple to install and compatible with any brand of nitrous oxide sedation equipment. The autoclavable bright white circuitry is easy to clean and coordinates well with clinical office environments.



**Indications for use:** To be used with nitrous oxide/oxygen sedation systems for delivering to a patient a mixture of nitrous oxide and oxygen gases and removing from the treatment location excess gases including gases expired by a patient.

**Caution:** Federal (US) law restricts this device to sale by or on the order of a dentist or physician.

**Note:** The scavenging system and nasal hoods are shipped non-sterile. The scavenger's white tubing, white fittings, and clear scavenging hub are autoclavable. Corrugated mixed gas tubing, spiral vacuum tubing, and disposable hoods are not autoclavable. Refer to Accutron document 26613 for detailed reprocessing (i.e., disinfecting/sterilizing) instructions.

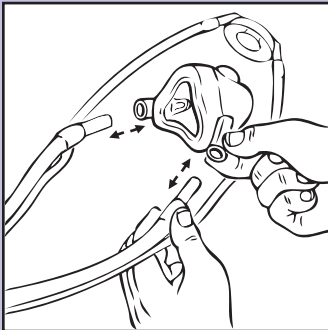
**Note:** The In-line vacuum controller when used with this Scavenging Circuit and system vacuum pressures of 10 inHg or greater, meet NIOSH and ADA recommended flow rates of 45 LPM. Maintenance of recommended low levels of nitrous oxide in the operator is a complex process requiring control of many factors other than scavenging. For more information, reference DHHS (NIOSH) Publications 94-100 and 96-107.

**Important:** Prior to each use, inspect the scavenging system for holes, tears, cracks, hardening or other deterioration of the scavenging system components including tubing, connectors and exhalation valve hub.

## PIP+™ Scavenging Circuit Use Instructions

Changing your PIP+ Nasal Hood  
and using your Scavenging Circuit—  
as easy as 1, 2, 3 . . .

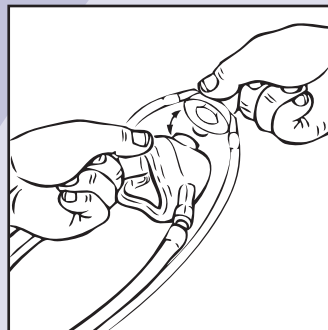
### Step 1



#### To remove used nasal hood:

- Disconnect the hood at scavenging hub by “unsnapping” clear hub (white tubes should remain attached to clear hub.)
- Detach the two white tubes from either side of nasal hood (rigid connectors need to remain inside white tubing). Discard used hood.

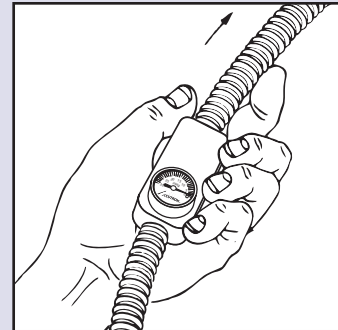
### Step 2



#### To attach fresh nasal hood:

- Attach the two white tubes containing the rigid connectors at either side of nasal hood.
- Complete circuit by connecting clear hub with attached tubes to the exhalation valve on the nasal hood. Example: Place one or two fingers inside top portion of hood and gently push hub ring into exhalation valve groove.

### Step 3



#### To initiate vacuum flow and begin patient administration of N<sub>2</sub>O:

- Initiate vacuum flow by turning control knob on the vacuum gauge until gauge needle is in the green zone, which is between 5 and 10 inHg.
- Place nasal hood on patient and check for comfortable fit.
- Turn on flowmeter and adjust oxygen and nitrous gases to desired level.
- Recheck vacuum flow and, if necessary, adjust to the appropriate setting. Periodically verify vacuum setting. Note: The vacuum controller requires a minimum of 10 inHg vacuum source pressure from system vacuum pump. At this source pressure, the controller will vacuum gasses at approximately 45 lpm when gauge needle is between 5 and 10 inHg on the gauge.