Instrumentation Industries, Inc.

Products for:

Anesthesia
Respiratory Care
Emergency Medicine

- Airway Management
- Emergency Ventilation
- O₂ Delivery
- Patient/Facility Accessories
- Pressure Monitoring
- Ventilator Circuits

Providing Quality Medical Products for over 50 years!
4 ways to order!

1. **Online:** [iiimedical.com](http://www.iiimedical.com)
   - Orders can be securely placed **online 24 hours a day.**
   - Please include a purchase order number *(if available)* when ordering.

2. **Phone:** 1-800-633-8577 *(inside USA)* — 1-412-854-1133 *(outside USA)*
   - Our Customer Service Representatives are available to take your orders **Monday through Friday, 8:30 A.M. to 5:00 P.M. EST.**
   - Please have a purchase order number available when ordering.
   - Volume discounts may be available. Please inquire at the time you place your order.

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   - Please include a purchase order number and customer number when ordering.

4. **Dealers:** [iiimedical.com](http://www.iiimedical.com)
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**Ordering Information:**
- We accept American Express, Visa or MasterCard.
- [iiimedical.com](http://www.iiimedical.com)

**Shipping / Terms:**
- F.O.B. Bethel Park, PA, USA. Prepaid and added to invoice.

**Satisfaction Guarantee:**
- All Instrumentation Industries, Inc. products are manufactured to exacting specifications, in accordance with all relevant national and international regulations, and are carefully inspected before shipment.
- Our products are fully guaranteed against defects in material and workmanship.

**Returns:**
- Returns are accepted within **30 days** of purchase in the original packaging and are subject to a **20% restocking fee**. Please have your Invoice Number when calling to obtain an Authorized Return Number.

**Technical Assistance:**
- Our experienced staff can help with specific problems or questions regarding the use, function and application of our products.

1-800-633-8577 *(inside USA)* — 1-412-854-1133 *(outside USA)*
Our Story

We breathe easy when the world breathes easier... are watchwords for our small company. We saw the need for user-friendly products for medical/respiratory professionals and went to work to develop and produce practical solutions.

We manufactured just one product about 50 years ago which we advertised on a postcard. Our latest 36-page catalog features 250 products that contribute to the value, quality, comfort and safety of the healing process.

Our small and innovative production team continues to drive our mission to provide the very best respiratory/anesthesia products for patient care. Our employees are dedicated. Most of them have worked with us for many years. Our motivation is knowing that our customers depend on us to produce reliable products.

Mission Statement

Instrumentation Industries, Inc. manufactures and distributes respiratory and anesthesia devices for the medical community. We provide practical solutions that complement respiratory and anesthesia applications. Our focus is to contribute to the value, quality, comfort, and safety of the healing process. This shared sense of purpose encompasses all aspects of our organization.

Quality Policy

Instrumentation Industries, Inc. strives to provide our customers with safe, reliable and effective medical devices that meet or exceed their expectations. This is to be accomplished in accordance with all relevant national and international regulations.

We are committed to maintaining the effectiveness of the Quality Management System and the establishment, periodic review, and achievement of our Quality Objectives.

Instrumentation Industries, Inc. is certified to ISO 13485:2016 and conforms to the requirements of MDSAP for the USA and Canada.

Environmental Policy

Instrumentation Industries, Inc. is committed to the protection of the environment and the health and safety of its employees, customers and neighbors. At III, our goals are continuous improvement, finding ways to do more with less, to reduce & recycle our waste, and to become efficient in every way possible.

This catalog is printed in the USA on recycled paper with soy-based inks.

Visit iiimedical.com or call 1-800-633-8577 (inside USA) 1-412-854-1133 (outside USA) for our REACH, RoHS, and Conflict Mineral Statements.

Edward C. Horey, Jr.
President
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### General Product Information

**Most Instrumentation Industries, Inc. products are made in the USA.**
Turn to the inside back cover for information on which products are USA-made.

All products are packaged as **Non-Sterile** (except ACU 1060.1 & ACU 1060.2).
Always follow the **Sterilization and High Level Disinfection Recommendations** included in the product’s package insert, if applicable.

Visit [iiimedical.com](http://iiimedical.com) for:
- An up-to-date listing of **Sterilization and High Level Disinfection Recommendations**
- **Latex**, **DEHP**, & **BPA** information
- **Package Insert/User Instructions**, where applicable
- **Current price**

### Product Symbols used in this catalog

- **Reusable Products** are intended for repeated use. Follow facility guidelines for reprocessing.
- **Single Patient Use Products** are intended to be used on a single patient only.
- **Single Patient Reuse Products** are intended to be used to repeatedly administer medications to one single patient while installed in a breathing circuit.
- **Products with this symbol** need a prescription to purchase. Call our customer service for information.
- **Products with this symbol** pose unacceptable risks to the patient, medical staff or other persons within the magnetic resonance imaging (MRI) environment.

To locate a specific product, turn to the inside back cover for our **Product Index**, where all Instrumentation Industries, Inc. products are listed by part number.
**MDI Adapters**

MDI Adapters allow for delivery of aerosol medication from **Standard MDI Canisters**.

- Delivers medication through **Fiber-Optic Bronchoscopy Adapters** or directly via **Endotracheal Tube**
- Accepts canisters with **metal** or **plastic** tips

**RTC 21-A**
- MDI Adapter
- Polyetherimide
- Packaged: 5 or 10

**RTC 21-D**
- MDI Adapter
- Polystyrene Butadiene
- Packaged: 50 or 100

**Inline MDI Adapters**

Inline MDI Adapters direct aerosol medication mainstream from **Standard MDI Canisters** for ventilator patients.

- Tight-fitting **Cap** maintains proper patient ventilation between treatments
- **Arrows** clearly mark direction of airflow
- 6 inches of tubing can be added to create a chamber when applicable
- Accepts canisters with **plastic** or **metal** tips

**RTC Series Inline MDI Adapters**

**RTC 15-D**
- Pediatric Inline MDI Adapter
- Thermoplastic Rubber Cap
- Polystyrene Butadiene
- Packaged: 50 or 100

**RTC 15-P**
- Pediatric Inline MDI Adapter
- Thermoplastic Rubber Cap
- Polystyrene Butadiene
- Packaged: 50 or 100

**RTC 22-A**
- Adult Inline MDI Adapter
- Silicone Rubber Cap
- Polyetherimide
- Packaged: 5 or 10

**RTC 22-D**
- Adult Inline MDI Adapter
- Thermoplastic Rubber Cap
- Polystyrene Butadiene
- Packaged: 50 or 100

**RTC 23-A**
- Adult Inline MDI Adapter
- Silicone Rubber Cap
- Polyetherimide
- Packaged: 5 or 10

**RTC 23-D**
- Adult Inline MDI Adapter
- Thermoplastic Rubber Cap
- Polystyrene Butadiene
- Packaged: 50 or 100

**RTC 17-1**
- Inline MDI Adapter Replacement Cap
- For RTC 22-A & RTC 23-A
- Silicone Rubber
- Packaged: 5 or 50
Universal Inline MDI Adapters

Universal Inline MDI Adapters direct aerosol medication mainstream for ventilator patients.

- 2 types: for 22mm I.D. Ventilator Circuits & for 15mm I.D. Ventilator Circuits
- Single Patient Reuse
  (Can be used to repeatedly administer medications to one single patient while installed in a breathing circuit.)
- Accepts MDI Canisters with a dose counter
- Advances certain dose counters
- Accepts Standard MDI Canisters with metal or plastic tips
- Arrows clearly mark direction of airflow
- Tight-fitting Thermoplastic Rubber Cap maintains proper patient ventilation between treatments
- Polystyrene Butadiene
- Packaged: 25 or 50

Adult Universal Inline MDI Adapter Kit

Adult Universal Inline MDI Adapter Kit creates a reservoir for our RTC 24-V Adult Universal Inline MDI Adapter.

RTC 24-V KIT
Adult Universal Inline MDI Adapter Kit

- Single Patient Reuse
  (Can be used to repeatedly administer medications to one single patient while installed in a breathing circuit.)
- Can be used at the endotracheal tube or the inspiratory limb of 22mm I.D. circuits.
- Packaged: 10

- Includes:
  A RTC 24-V
    Adult Universal Inline MDI Adapter
    — Polystyrene Butadiene w/Thermoplastic Rubber Cap
  B KC 2124 — Adapter
    — Polystyrene Butadiene
  C KC 004-5 — Tubing
    — Polyolefin Plastomer
Inline Aerosol Adapter

Inline Aerosol Adapter allows a Combivent® Respimat® Inhaler to be adapted to a ventilator circuit. Immediately before the ventilator cycle, activate the Combivent® Respimat® Inhaler. The medication then becomes suspended in the Inline Aerosol Adapter until the inspiratory cycle of the ventilator carries it to the patient.

**RTC 26-C**
Inline Aerosol Adapter

- **Single Patient Reuse**
  (Intended to be used to deliver Combivent® (ipratropium bromide and albuterol) Respimat® medication multiple times to a single patient while installed in a breathing circuit.)
- **Designed to fit in the Inspiratory Limb of the patient circuit**
- **Combivent® Respimat® Inhaler may be placed on RTC 26-C Inline Aerosol Adapter in either orientation**
- **Clear Body** allows viewing of suspended medication after activation
- **Arrows** clearly mark direction of airflow
- **Tight-fitting Thermoplastic Rubber Cap** maintains proper patient ventilation between treatments
- **Polystyrene Butadiene**
- **Patent Pending**
- **Packaged: 25 or 50**

**How they work**

**RTC 26-C Inline Aerosol Adapter**

**BE 106**
Adult Adapter w/Vent
- **Polycarbonate**
- **Packaged: Individually**

**BE 120-AKW**
45º Adapter
- **Polystyrene Butadiene**
- **Packaged: 100**

**BE 120-22D**
Mouthpiece Adapter
- **Polystyrene Butadiene**
- **Packaged: 100**

**Specialty Adapters**

Specialty Adapters increase treatment delivery options in special circumstances.

**Adapters VS Connectors**

Adapters generally connect different sizes together. Connectors generally connect items of the same size.

**Order by Fax** ▶ **1-877-633-8661**
High-quality medical products ➤ Since 1967
Reducing Adapters

Reducing Adapters are available in various configurations.

**BE 190**
Reducing Adapter
- Polycarbonate
- Packaged: 1 or 10

**BE 191**
Reducing Adapter
- Polycarbonate
- Packaged: 1 or 10

**BE 192**
Reducing Adapter
- Polycarbonate
- Packaged: 1 or 10

**BE 193**
Reducing Adapter
- Polycarbonate
- Packaged: 1 or 10

**BE 195-1522A**
Reducing Adapter
- Polysulfone
- Packaged: 1 or 10

**BE 196**
Reducing Adapter
- Polycarbonate
- Packaged: 1 or 10

**KC 2119**
Reducing Adapter
- Polystyrene Butadiene
- Packaged: 25

**KC 2126**
Reducing Adapter
- Polystyrene Butadiene
- Packaged: 25 or 100

**NB 105-6**
Reducing Adapter
- Polycarbonate
- Packaged: Individually

**SG 193-M**
Reducing Adapter
- Polysulfone
- Packaged: 1 or 10

**SG 101**
Adult to Pediatric Reducing Adapter
- Polysulfone
- Packaged: 1 or 10

**SG 101-D**
Adult to Pediatric Reducing Adapter
- Polystyrene Butadiene
- Packaged: 25 or 100

**SG 102**
Adult to Neonatal Reducing Adapter
- Polysulfone
- Packaged: 1 or 10

Exceptional Product Quality

Our product quality is rigorously monitored throughout the entire manufacturing process.
Pressure Adapters

Pressure Adapters provide easy access for pressure measuring.

- For use in Ventilator, BIPAP, or CPAP circuits
- Can be placed in any Adult, Pediatric, or Neonatal circuit

**BE 105-40**
- Pressure Adapter
- Capped Barbed Port
  - Fits 3/16" I.D. tubing
- Silicone Rubber Port Cap
- Polycarbonate
- Packaged: Individually

**BE 105-101-40**
- Pressure Adapter
- Capped Barbed Port
  - Fits 3/16" I.D. tubing
- Silicone Rubber Port Cap
- Silicon Rubber Connector
- Polycarbonate
- Packaged: Individually

**BE 139**
- Pressure Adapter
- Barbed Port
  - Fits 3/16" I.D. tubing
- Polycarbonate
- Packaged: 1 or 10

**BE 40A**
- Replacement Cap
  - Fits 1/4" - 9/32" barbs
  - Replacement for: NP 130-22
  - Packaged: 5 or 50

**BE 40H**
- Replacement Cap
  - Fits 3/16" - 7/32" barbs
  - Replacement for: BE 105-101-40 & BE 105-40
  - Packaged: 5 or 50

**KC 5**
- Pressure Adapter
  - Luer Lock Port
  - Polycarbonate
  - Packaged: Individually

**KC 6PA**
- Pressure Adapter
  - Capped Luer Lock Port
  - Polystyrene Butadiene
  - Packaged: 25 or 100

**MS 101-40**
- Pressure Adapter
  - Barbed Port
    - Fits 3/16" I.D. tubing
  - Polycarbonate
  - Packaged: Individually

**NP 130-22**
- Pressure Adapter
  - Capped Barbed Port
    - Fits 1/4" I.D. tubing
  - Silicone Rubber Port Cap
  - Polycarbonate
  - Packaged: Individually

**KC 18901-K**
- 90° Elbow Connector
  - Polystyrene Butadiene
  - Packaged: 50

**KC 18901-L**
- 90° Elbow Connector
  - Capped Luer Lock Port
  - Polycarbonate
  - Packaged: 10 or 20

**KC 18901-O**
- 90° Elbow Connector
  - Barbed Port
    - Fits 3/16" I.D. tubing
  - Polycarbonate
  - Packaged: 10 or 20

**KC 18901-P**
- 90° Elbow Connector
  - Polycarbonate
  - Packaged: 10 or 20

**90° Elbow Connectors**

90° Elbow Connectors are available with a luer lock port or a barbed port to allow for gas sampling or pressure monitoring.

Visit iiimedical.com for an up-to-date listing of Sterilization and High Level Disinfection Recommendations.
Silicone Rubber Connectors

Silicone Rubber Connectors help to join circuit fittings when they don’t quite fit. Dissimilar sizes, or accessories of the same size, can be used together. Make use of “odd” size accessories.

- Available in Adult, Pediatric, & Neonatal
- Remain pliable after sterilization
- Autoclavable
- Silicone Rubber
- Packaged: 10 or 50

**BE 101-00-1426**
Tapered Silicone Rubber Connector
- Adult
- Large end also fits flanged 22mm O.D.

**BE 101-00-3443**
Straight Silicone Rubber Connector
- Adult

**PF 001**
Reducing Silicone Rubber Connector
- Adult to Pediatric

**PF 1510**
Reducing Silicone Rubber Connector
- Pediatric to Neonatal

**PF 1515**
Straight Silicone Rubber Connector
- Pediatric

**PF 1010**
Straight Silicone Rubber Connector
- Neonatal

**BE 145-2P**
Hose Connector
- Polycarbonate
- Packaged: 10 or 50

**BE 145-1522P**
Hose Connector
- Polycarbonate
- Packaged: 10 or 50

**KC 145-1522D**
Hose Connector
- Polystyrene Butadiene
- Packaged: 25 or 100

**BE 145-2230P**
Hose Connector
- Polycarbonate
- Packaged: 10 or 50

**ADP 150**
Hose Connector
- Fits cuffed 10mm I.D. Tubing
- Polycarbonate
- Packaged: 10 or 50

**PF 1010**
Reducing Silicone Rubber Connector
- Adult
- Large end also fits flanged 22mm O.D.

Hose Connectors change a 15mm, 22mm or 30mm I.D. low pressure gas outlet source to a 1/4” I.D. small bore tubing connection. Also available, a 15mm O.D. x 1/2” hose barb connector (ADP 150) that fits 10mm I.D. tubing.

**1/4” Tapered Barbed Connection**

**1/2” Hose Barb Connection**

Ventilator Tubing
In various lengths of adult, pediatric, & neonatal sizes

Order Online » iiimedical.com
Patient Wye Connectors

Reusable Patient Wye Connectors are available with pressure ports and/or temperature probe ports for easy monitoring of the circuit at the patient wye.

**BE 127**
- **Patient Wye Connector**
  - No monitoring ports
  - Polycarbonate
  - Packaged: 1 or 10

**BE 127-40**
- **Patient Wye Connector**
  - Pressure Port Fits 1/4" I.D. tubing
  - Polycarbonate
  - Packaged: 1 or 10

**BE 127-7.5**
- **Patient Wye Connector**
  - 7.5mm I.D. Temperature Probe Port
  - Polycarbonate
  - Packaged: 1 or 10

**BE 127-7.5-40**
- **Patient Wye Connector**
  - 7.5mm I.D. Temperature Probe Port
  - Pressure Port Fits 1/4" I.D. tubing
  - Polycarbonate
  - Packaged: 1 or 10

**KC 211-D**
- **60° Patient Wye Connector**
  - 60° Wye
  - 18mm I.D.
  - 22mm O.D.
  - Port
  - Polystyrene Butadiene
  - Packaged: 50 or 100

**KC 212-D**
- **90° Patient Wye Connector**
  - 90° Wye
  - 18mm I.D.
  - 22mm O.D.
  - Port
  - Polystyrene Butadiene
  - Packaged: 50 or 100

**KC 213-D**
- **60° Patient Wye Connector**
  - 60° Wye
  - No Ports
  - Polystyrene Butadiene
  - Packaged: 50 or 100

**Temperature Probe Port Cap**
- **CAP-S**
  - Fits: BE 127-7.5 & BE 127-7.5-40
  - Thermoplastic Rubber
  - Packaged: 5 or 50

Single Patient Use Patient Wye Connectors are available with ports at the patient wye.

**KC 211-D**
- **60° Patient Wye Connector**
  - 60° Wye
  - 18mm I.D.
  - 22mm O.D.
  - Port
  - Polystyrene Butadiene
  - Packaged: 50 or 100

**KC 212-D**
- **90° Patient Wye Connector**
  - 90° Wye
  - 18mm I.D.
  - 22mm O.D.
  - Port
  - Polystyrene Butadiene
  - Packaged: 50 or 100

**KC 213-D**
- **60° Patient Wye Connector**
  - 60° Wye
  - No Ports
  - Polystyrene Butadiene
  - Packaged: 50 or 100

**Patient circuits need 3 things...**

1. Tubing
2. Support
3. Accessories

*We provide all three!*

High-quality medical products since 1967
Bronchoscope Swivels

Bronchoscope Swivels allow access to the patient's airway, while maintaining ventilation.

- Two Interchangeable Silicone Rubber Caps
  - One cap allows access for a Fiber-Optic Bronchoscope
  - One cap allows access for a Suction Catheter
- Replacement Caps available
- Polyetherimide
- Packaged: 1 or 10

BE 105-7 Bronchoscope Swivel
BE 105-8 Bronchoscope Swivel

Bronchoscope Double Swivel

Bronchoscope Double Swivel has a single cap for both fiber-optic and suction access to a patient's airway.

SH 7-45 Bronchoscope Double Swivel
- Both Ends Swivel
- Polycarbonate
- Packaged: 25 or 50

LCD Thermometer

LCD Thermometer helps monitor the temperature of ventilator or heated aerosol circuits.

KM 030 LCD Thermometer
- LCD displays 28°, 31°, 34°, 37°, & 40° Celsius markings.
- High Density Polyethylene
- Packaged: 50

Non-Rebreathing Tee Valve

Non-Rebreathing Tee Valve isolates airflow and decreases the possibility of nosocomial infection. It can also reduce respirometer replacement costs. Low cracking pressure minimizes resistance to flow!

BE 117 Non-Rebreathing Tee Valve
- Polycarbonate
- Silicone Rubber Leaf Valves
- Packaged: 1 or 10

How it works

Order by Fax ▶ 1-877-633-8661
Magnetic PEEP Valves

Magnetic PEEP Valves are used with ventilators, resuscitators, or any system where PEEP or CPAP is required.

Caution: These are uni-directional PEEP Valves. Flow direction must be consistent with the expiratory flow. PEEP pressure may vary according to position. PEEP pressure must be monitored during use.

- Adjustable from 3 to 20 cm H2O pressure
- Clearly marked flow direction arrows
- Transparent
- Polycarbonate, Polypropylene, Silicone Rubber, & Stainless Steel
- Packaged: Individually

One-Way Valves

One-Way Valves are available in different configurations to allow various placement options in a patient circuit. Clearly marked flow-direction arrows help ensure proper placement in the circuit.

- Low Resistance
- Arrows clearly mark direction of airflow
- Silicone Rubber Leaf Valve
- Packaged: 1 or 10

We Care About the Earth

Many of our products are reusable, which helps to reduce waste!
Exhalation Valves

Exhalation Valves are available with various patient/inlet configurations. Replacement parts are available.

- Available in Regular or Low Resistance
- Arrows clearly mark direction of airflow
- Polyetherimide
- Packaged: Individually

**BE 115-3L Low Resistance Diaphragm Holder**
- Fits: BE 30-115-BL, NS 30-115-UL, PS 54AL
- Polyetherimide
- Packaged: Individually

**BE 30-115-BL Low Resistance Exhalation Valve**
- Patient Port

**NS 30-115-5L Low Resistance Exhalation Valve**
- Patient/Inlet Port Tee

**BE 30-115-B Exhalation Valve**
- Fits: BE 30-115-B, NS 30-115-U, NS 30-115-5, PS 54A
- Polyetherimide
- Packaged: Individually

**NS 30-115-U Exhalation Valve**
- Patient Port
- Inlet Port

**NS 30-115-5 Exhalation Valve**
- Patient Port

Exhalation Valve with Water Trap can help reduce disconnects and leaks by collecting excess moisture. Replacement Parts and Bottles are available.

**PS 54A Exhalation Valve w/Water Trap**
- Patient Port
- Fits 22mm I.D. Tubing

**PS 54AL Low Resistance Exhalation Valve w/Water Trap**
- Available in Regular or Low Resistance
- Capacity: 8 oz. (250 ml)
- Includes BE 195-A & PS 54-1A Adapters
- Polyetherimide
- Polypropylene Bottle
- See WT 250-BOT for replacement bottle pg. 15
- Packaged: Individually

Exhalation Valve Adapters

- Polyetherimide
- Packaged: 1 or 10

**PS 54-1A Exhalation Valve Adapter**
- 30mm I.D.

**BE 195-A Exhalation Valve Adapter**
- 30mm I.D.

**BE 215-2A Diaphragm Assembly**
- Fits: All of our Exhalation Valves
- Silicone Rubber Diaphragm
- Polypropylene Stem & Ring
- Packaged: 1 or 10

**BE 115-2N Diaphragm Nut**
- Fits: All of our Exhalation Valves
- Nylon
- Packaged: 5 or 25

**BE 115-3B Diaphragm Holder**
- Fits: BE 30-115-B, NS 30-115-U, NS 30-115-5, PS 54A
- Polyetherimide
- Packaged: Individually

**BE 115-3L Low Resistance Diaphragm Holder**
- Fits: BE 30-115-BL, NS 30-115-UL, NS 30-115-5L, PS 54AL
- Polyetherimide
- Packaged: Individually

Order by Phone ▶ 1-800-633-8577
Water Traps

Water Traps allow excess moisture from humidity to be collected. A spring-loaded plunger maintains circuit integrity while bottle is emptied.

- Available in 2 capacities: 4 oz. (125 ml) & 8 oz. (250 ml)
- Internal Spring: Steel
- Connector: Polyetherimide
- Bottle & Bottle Insert: Polypropylene
- Packaged: Individually

**Water Traps**

**WT 125**
- Water Trap
- 4 oz. (125 ml)

**WT 250**
- Water Trap
- 8 oz. (250 ml)

---

**Replacement Parts**

- Polypropylene
- Packaged: Individually

**WT 125-BOT**
- 4 oz. (125 ml) Replacement Bottle
  - For: WT 125

**WT 250-BOT**
- 8 oz. (250 ml) Replacement Bottle
  - For: WT 250
  - For: PS 54A & PS 54AL
  - Exhalation Valve w/ Water Trap (pg. 14)

**WT 125-BI**
- 4 oz. (125 ml) Replacement Bottle Insert
  - For: WT 125

**WT 250-BI**
- 8 oz. (250 ml) Replacement Bottle Insert
  - For: WT 250

---

Auto-PEEP Measurement Device

Auto-PEEP Measurement Device allows single-breath measurement of auto-PEEP. Use on ventilators not equipped with expiratory hold.

**KC 9-P**
- Auto-PEEP Measurement Device
- Removable Cap
- Can be used as a Braschi valve
- Polycarbonate
- Silicone Rubber Leaf Valve
- Packaged: 1 or 10

---

**How it works**

**KC 9-P Auto-PEEP Measurement Device**

Inspiratory Limb

Removable Cap

Detailed view of Check Valve

Expiratory Limb

To Patient

---

Test Lungs

Test Lungs are perfect for testing ventilators, resuscitators, etc. Not made with natural rubber latex.

- Available in 2 capacities: 750 ml and 1-liter.
- Not for patient use
- Cannot be cleaned with alcohol
- Green Neoprene
- Packaged: 1 or 5

**BE 150-5G**
- Test Lung
  - 1-liter capacity

**BE 150-5LF**
- Test Lung
  - 750-ml capacity

---

High-quality medical products ➤ Since 1967
Flexible Support Arms
Flexible Support Arms fit most ventilators or can be adapted to others by using one of our Pole or Rail Mounts.

- Available in 2 sizes, 24” & 30”
- Rotates 360°
- Sleeve Base locks in place
- Vinyl-coated segmented arm
- Enhances patient comfort & safety
- Can be adapted to most ventilators by using our Flexible Support Arm Brackets
- Anodized Aluminum & Steel
- Packaged: Individually

BE 122-24 Flexible Support Arm
- 24” & Extension for 38” total length

BE 122-30 Flexible Support Arm
- 30” & Extension for 44” total length

Flexible Support Arm Brackets
Flexible Support Arm Brackets add even more versatility by allowing the mounting of Flexible Support Arms to most ventilators, poles, beds, stretchers, etc.

- Anodized Aluminum & Steel
- Packaged: Individually

3-Hole Pole-Mounted Brackets

BE 114-1 3-Hole Pole-Mounted Bracket
- Permits pole mounting of Flexible Support Arms on poles as large as 1”

BE 114-2 3-Hole Pole-Mounted Bracket
- Permits pole mounting of Flexible Support Arms on poles as large as 1½”

BE 114-5 Universal Rail-Mounted Bracket
- Permits rail mounting of Flexible Support Arms
- Does not fit on rails mounted flush to wall

RB 002 Compact Rail-Mounted Bracket
- Permits rail mounting of Flexible Support Arms
- For use with Fairfield-style rails only

Replacement Knobs

BE 114-K 3-Hole Pole-Mounted Bracket Replacement Knob
- Steel
- Packaged: Individually
- Fits: BE 114-1
- Also fits: BE 3000-PA (pg. 30) BE 3000-PS (pg. 30)

BE 114-5K Universal Rail-Mounted Bracket Replacement Knob
- Fits: BE 114-5
- Also fits: BE 148-5-1 (pg. 22) BE 148-5-2 (pg. 22) BE 3000-RA (pg. 31) BE 3000-RA (pg. 31)

RB KNOB Rail-Mounted Bracket Replacement Knob
- Fits: RB 002
- Also fits: RB 001 (pg. 17) RB 004 (pg. 22)
Proper circuit support allows for patient comfort & safety!

Flexible Support Arm Tubing Clamps

Flexible Support Arm Tubing Clamps hold large bore tubing in place. Specially designed for our Flexible Support Arms.

- Two types are available:
  - Single Clamp in 1 size
  - Double Clamp in 2 sizes, 4” or 8”
- Phenolic Ball Knob
- Polypropylene
- Anodized Aluminum (Double Tubing Clamps only)
- Steel
- Packaged: Individually

Ventilator Tubing Clamps

Swivel Tubing Clamp

Swivel Tubing Clamp attaches large bore tubing to bedrails.

BE 102 Swivel Tubing Clamp
- Fits tubing and rails 1/2” to 1” in diameter
- Swivels 360°
- Polypropylene
- Packaged: 20, 50, or 100

Tubing Separator

Tubing Separator keeps small bore tubing fastened to, but separate from, large bore tubing.

KC 10 Tubing Separator
- Silicone Rubber
- Packaged: 10 or 100

Safety Strap

Safety Strap allows any adapter, connector, or valve with safety lugs to be safely attached to a ventilator circuit. Secures ventilator circuit attachment to a patient’s airway. Helps prevent accidental disconnects. Not made with natural rubber latex.

NP 105-1 Safety Strap
- 5 7/8” long
- 3/16” diameter center hole
- Neoprene
- Packaged: 10 or 50

Flexible Support Arm Tubing Clamps

Double Tubing Clamps

Single Tubing Clamp

BE 114-5TB Single Tubing Clamp

BE 122-2TSB 4” Double Tubing Clamp

BE 122-2TB 8” Double Tubing Clamp

Swivel Tubing Clamp

Tubing Separator

Multi-Purpose Rail-Mounted Slide Bracket

Multi-Purpose Rail-Mounted Slide Bracket allows for a variety of mounting options.

RB 001 Multi-Purpose Rail-Mounted Slide Bracket
- For use on Fairfield-style rails only
- Use on equipment requiring 1 1/4” x 3/16” mounting slot
- Can be mounted on a ventilator to secure heater for humidifying circuits
- Anodized Aluminum & Steel
- See pg. 16 for Replacement Knob
- Packaged: Individually

High-quality medical products  Since 1967
Ventilator Tubing

Ventilator Tubing is transparent, non-conductive and has a corrugated spiral design to prevent kinking. It has a smooth internal diameter which promotes laminar gas flow, and resists the trapping of water. Our ventilator tubing has industry standard connection diameters of 10, 15, or 22mm I.D.

### Cuffed Ventilator Tubing

<table>
<thead>
<tr>
<th>Series</th>
<th>Description</th>
<th>Stock Lengths</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>KC Series</strong></td>
<td>Adult Ventilator Tubing</td>
<td>KC 006 - 6”  KC 012 - 12”  KC 024 - 24”  KC 030 - 30”  KC 036 - 36”</td>
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<tr>
<td><strong>KC-P Series</strong></td>
<td>Pediatric Ventilator Tubing</td>
<td>KC 012-P - 12”  KC 018-P - 18”  KC 024-P - 24”  KC 030-P - 30”  KC 036-P - 36”</td>
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<tr>
<td><strong>KC-N Series</strong></td>
<td>Neonatal Ventilator Tubing</td>
<td>KC 012-N - 12”  KC 018-N - 18”  KC 024-N - 24”  KC 030-N - 30”  KC 036-N - 36”</td>
</tr>
</tbody>
</table>

**Stock Lengths**
- KC 006 - 6”
- KC 012 - 12”
- KC 018 - 18”
- KC 024 - 24”
- KC 030 - 30”
- KC 036 - 36”

Also available:
- Adult Size 22mm I.D. Cuffed Ventilator Tubing
- Gray Tubing with Blue Cuffs
- Gray Tubing with Gray Cuffs

**KC-3 Series**

<table>
<thead>
<tr>
<th>Description</th>
<th>Stock Lengths</th>
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</thead>
<tbody>
<tr>
<td>Adult Ventilator Tubing</td>
<td>KC 006-3 - 6”  KC 012-3 - 12”  KC 018-3 - 18”  KC 024-3 - 24”  KC 030-3 - 30”</td>
</tr>
</tbody>
</table>

Minimum order requirements apply. Call 1-800-633-8577 for info.

Also available: Custom lengths of any style of Ventilator Tubing are available. Minimum order requirements apply. Call 1-800-633-8577 for info.

Order by Fax 1-877-633-8661
Clear Cuffless Ventilator Tubing

Clear Cuffless Ventilator Tubing is transparent, non-conductive and has a corrugated spiral design to prevent kinking. It has a smooth internal diameter which promotes laminar gas flow, and resists the trapping of water. Our ventilator tubing has industry standard connection diameters of 10, 15, or 22mm I.D.

Clear Cuffless Ventilator Tubing

<table>
<thead>
<tr>
<th>KC-5 Series</th>
<th>Adult Ventilator Tubing</th>
<th>22mm I.D.</th>
<th>Polyolefin Plastomer</th>
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</thead>
<tbody>
<tr>
<td>Stock Lengths</td>
<td>KC 004-5 - 4”</td>
<td>KC 030-5 - 30”</td>
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<tr>
<td>KC 006-5 - 6”</td>
<td>KC 042-5 - 42”</td>
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<tr>
<td>KC 018-5 - 18”</td>
<td>KC 060-5 - 60”</td>
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<tr>
<td>KC 024-5 - 24”</td>
<td>KC 072-5 - 72”</td>
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</table>

<table>
<thead>
<tr>
<th>KC-5P Series</th>
<th>Pediatric Ventilator Tubing</th>
<th>15mm I.D.</th>
<th>Polyolefin Plastomer</th>
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<tbody>
<tr>
<td>Stock Lengths</td>
<td>KC 006-5P - 6”</td>
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<td></td>
</tr>
<tr>
<td>KC 012-5P - 12”</td>
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<tr>
<td>KC 018-5P - 18”</td>
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<td>KC 024-5P - 24”</td>
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<tr>
<td>KC 048-5P - 48”</td>
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<tr>
<td>KC 060-5P - 60”</td>
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<table>
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<tr>
<th>KC-5N Series</th>
<th>Neonatal Ventilator Tubing</th>
<th>10mm I.D.</th>
<th>Polyolefin Plastomer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stock Lengths</td>
<td>KC 004-5N - 4”</td>
<td></td>
<td></td>
</tr>
<tr>
<td>KC 006-5N - 6”</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>KC 012-5N - 12”</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>KC 024-5N - 24”</td>
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</table>

O2 Enrichment Kit

O2 Enrichment Kit provides variable oxygen concentrations (up to 100%) at the proximal airway. Can be used on home ventilators. Replacement manifolds are available.

SG 066
O2 Enrichment Kit

- Reusable — Manifold, Tubing, & Bracket
- Single Patient Use — 1-liter Reservoir Bag
- Bracket fits on Standard Rails
- Neoprene Reservoir Bag
- Polysulfone Manifold
- Anodized Aluminum & Steel Bracket
- Packaged: Individually

Replacement Parts

SG 066-2N
1-liter Breathing Bag
- Replacement for SG 066
- Not made with natural rubber latex.
- Neoprene
- Packaged: 1 or 25

SG 066-1
Replacement Manifold
- Replacement for SG 066
- Polysulfone
- Packaged: Individually

High-quality medical products ➤ Since 1967
Vacuum/Pressure Gauges

Vacuum/Pressure Gauges provide accurate vacuum or pressure monitoring.

- Accurate
- Sturdy
- Reliable
- Incremental graduations as low as 1 cm H₂O
- Easily re-zeroed for accuracy
- Internal Components: Aluminum, Brass, Copper Alloy & Steel
- Case: Acrylonitrile Butadiene Styrene (ABS)
- Crystal: Acrylic
- Packaged: Individually

Replacement Crystal for Vacuum/Pressure Gauges

Use as replacement crystal for any Instrumentation Industries, Inc. NS Series Vacuum/Pressure Gauge.

NS-SC
- Acrylic
- Packaged: Individually

How they work

Pressure Gauge

Pressure Gauge provides accurate 0 to 120 cm H₂O pressure monitoring.

NS 120P-TRS Pressure Gauge
- Reads 0 to 120 cm H₂O in 2 cm graduations
- Rear 1/4" NPT connection
- Internal Components: Aluminum, Brass, Copper Alloy & Steel
- Case: Acrylonitrile Butadiene Styrene (ABS)
- Crystal: Acrylic
- Packaged: Individually

*NS-5 Series Gauge info for California customers:

WARNING: These products can expose you to chemicals including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.
Accurate pressure monitoring products are important for many different departments!

NIF Meters (Negative Inspiratory Force) capture a patient’s best effort with a resettable pointer.

- Accurate
- Sturdy
- Reliable
- Resettable Recording Needle
- Incremental graduations as low as 1cm H2O
- Easily re-zeroed for accuracy
- Internal Components: Aluminum, Brass, Copper Alloy & Steel
- Case: Acrylonitrile Butadiene Styrene (ABS)
- Crystal: Acrylic
- Packaged: Individually

Replacement Crystal for NIF Meters

Use as replacement crystal for any Instrumentation Industries, Inc. NS Series NIF Meter.

NS-RC
- Resettable Recording Needle
- Acrylic
- Packaged: Individually

Bacterial/Viral Filter

Bacterial/Viral Filter can be used to reduce microbiological contaminants.

BV 303 Bacterial/Viral Filter
- Low resistance hydrophobic HEPA filter
- Polypropylene
- Packaged: 1 or 25

High-quality medical products Since 1967

NS 30-PBR NIF Meter
- Reads ±30cm H2O in 1cm graduations
- Bottom 1/8" small bore tubing connection
- Includes: BE 148-6 Gauge Adapter

NS 30-TRR NIF Meter
- Reads ±30cm H2O in 1cm graduations
- Rear 1/4" NPT connection
- Includes: BE 149-1 Gauge Adapter

NS 60-PBR NIF Meter
- Reads ±60cm H2O in 2cm graduations
- Bottom 1/8" small bore tubing connection
- Includes: BE 148-6 Gauge Adapter

NS 60-TRR NIF Meter
- Reads ±60cm H2O in 2cm graduations
- Rear 1/4" NPT connection
- Includes: BE 148-6 Gauge Adapter

NS 60-TBR NIF Meter
- Reads ±60cm H2O in 2cm graduations
- Bottom 1/4" NPT connection
- Includes: BE 149-1 Gauge Adapter

NS 60-TRR NIF Meter
- Reads ±60cm H2O in 2cm graduations
- Rear 1/4" NPT connection
- Includes: BE 148-6 Gauge Adapter

NS 120-TRR NIF Meter
- Reads ±120cm H2O in 4cm graduations
- Rear 1/4" NPT connection
- Includes: BE 149-1 Gauge Adapter

How they work

NS-R Series NIF Meters

1/8" Small Bore Tubing Connection

1/4" NPT Connection

BE 148-1 Gauge Adapter (not included) pg. 22

BE 148-6 Gauge Adapter (not included)

BE 149-1 Gauge Adapter (not included)

Endotracheal Tube

SVU

Rx

ONLY

WARNING: These products can expose you to chemicals including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.
Gauge Accessories

Gauge Adapters
Gauge Adapters allow for easy remote inspiratory measurement. Designed for all Instrumentation Industries, Inc. Vacuum/Pressure Gauges and NIF Meters.
- Polycarbonate
- Gauge not included
- Packaged: Individually

BE 148-1
Gauge Adapter
- Changes a 1/4” NPT connection to a 1/8” or 3/16” small bore tubing connection

BE 148-6
Gauge Adapter
- 15mm I.D./22mm O.D. x 1/4” or 3/16” small bore tubing connection for remote inspiratory monitoring

BE 149-1
Gauge Adapter
- 15mm I.D./22mm O.D. x 1/4” NPT connection for inspiratory monitoring

Gauge Clamps
Gauge Clamps offer the convenience of mounting Vacuum/Pressure Gauges and NIF Meters in a variety of places.
- Small Bore Tubing Connection
- Precision-machined
- Anodized Aluminum & Steel
- Packaged: Individually

Gauge Clamps
Gauge Clamps mount Rear 1/4” NPT-threaded gauges securely to poles, incubators, ventilators, etc.

BE 148-5-2.5
Gauge Clamp
- Clamp opens 1” to 2½”

BE 148-5-3.5
Gauge Clamp
- Clamp opens 2½” to 3½”

Gauge Pole Clamps
Gauge Pole Clamps mount Rear 1/4” NPT-threaded gauges securely to poles.

BE 148-5-1
Gauge Pole Clamp
- Fits Poles with a diameter of 3/4”
- See pg. 16 for Replacement Knob

BE 148-5-2
Gauge Pole Clamp
- Fits Poles with a diameter of 3/4” to 1½”
- See pg. 16 for Replacement Knob

Rail-Mounted Gauge Clamp
Rail-Mounted Gauge Clamp mounts Rear 1/4” NPT-threaded gauges securely to rails.

RB 004
Rail-Mounted Gauge Clamp
- For use with Fairfield-style rails only
- See pg. 16 for Replacement Knob

Gauge Stand
Gauge Stand keeps a gauge upright, stable and easy to view. Specially designed for use with our NS Series -PBR, -PBS, -TRR, & -TRS Vacuum/Pressure Gauges and NIF Meters.

NS-GS
Gauge Stand
- “No-skid” rubber feet
- Gauges are easily inserted
- Polystyrene Butadiene
- Gauge not included
- Packaged: Individually

Gauge Cover
Gauge Cover is designed to fit all of our NS Series NIF Meters and Vacuum/Pressure Gauges with the highest level of protection from falls, drops, vibrations, and other shocks.

NS-GC
Gauge Cover
- Unique rubber “Clam Shell” design
- Ribbed for maximum shock protection
- Melt-Processible Rubber
- Gauge not included
- Packaged: Individually

Order Online » iiimedical.com
Manual Jet Ventilators

Manual Jet Ventilators are lightweight, portable, durable, and essential for EMS, Anesthesia, and Emergency departments.

- Specially designed for use with our Transtracheal Catheters pg. 24
- Plated Brass Fittings
- Anodized Aluminum & Steel
- Packaged: Individually

**BE 183-SUR**
Manual Jet Ventilator w/Regulator & Gauge
- Reusable
  - Adjustable Regulator & Gauge*
  - On/Off Valve
  - 6-ft. High Pressure Hose Assembly
- Single Patient Use
  - 4-ft. Small Bore Tubing Assembly w/inline filter (see BE 183-2 below for replacement)

**Caution:** BE 183-SUR is designed to operate with pressure that does not exceed 50psi. Use Regulator & Gauge to assure operating pressure does not exceed 50psi.

**BE 183-SU**
Manual Jet Ventilator
- Reusable
  - On/Off Valve
  - 6-ft. High Pressure Hose Assembly
- Single Patient Use
  - 4-ft. Small Bore Tubing Assembly w/inline filter (see BE 183-2 below for replacement)

**Caution:** BE 183-SU is designed to operate directly from a gas source that does not exceed 50psi.

---

**Replacement Parts for Manual Jet Ventilators**

**BE 183-2**
4-ft. Small Bore Tubing Assembly w/Inline Filter
- For BE 183-SU & BE 183-SUR
- Packaged: Individually

**BE 183-6**
6-ft. High Pressure Hose Assembly
- For BE 183-SU & BE 183-SUR
- Standard Plated Brass Female DISS fittings on both ends
- Medical Grade PVC Tubing
- Packaged: Individually

**BE 183-R**
Regulator & Gauge
- For BE 183-SUR
- Packaged: Individually
  *California customers see above info for BE 183-G Gauge

**BE 183-G**
Gauge
- For BE 183-SUR
- 0-60 psi
- Must be used with regulator
- Packaged: Individually
  *California customers see above info for BE 183-G Gauge

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**WARNING:** This product can expose you to chemicals including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

*California customers see above info for BE 183-G Gauge
Transtracheal Catheters

Transtracheal Catheters provide tracheal access for our Manual Jet Ventilators. Attached syringe helps to determine correct needle placement in the trachea by air aspiration.

- Packaged sterile — Ready to Use
- Unopened packages have a shelf life of a minimum of 2 years from purchase
- Works with BE 183-SUR & BE 183-SU Manual Jet Ventilators
- Foam Neck Tape with Velcro Lock
- Attached Syringe
- Packaged: Individually

ACU 1060.1
Transtracheal Catheter
13G — Adult

ACU 1060.2
Transtracheal Catheter
14G — Child

Oropharyngeal Airways

Oropharyngeal Airways keep the airway open by holding the tongue forward and out of the way.

- Flange rests against front teeth to prevent swallowing airway
- "I Beam" Shape allows a suction catheter to be used on either side
- Low Density Polyethylene
- Packaged: 10 or 50
  (Also available, a package of One each of all seven SH 77 Series sizes)

SH 77 Series
Non-Center-Vented Oropharyngeal Airways

<table>
<thead>
<tr>
<th>Size</th>
<th>Description</th>
<th>Diameter (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>SH 77-1 Neonatal</td>
<td>40</td>
</tr>
<tr>
<td>B</td>
<td>SH 77-2 Infant</td>
<td>50</td>
</tr>
<tr>
<td>C</td>
<td>SH 77-3 Small Child</td>
<td>60</td>
</tr>
<tr>
<td>D</td>
<td>SH 77-4 Child</td>
<td>70</td>
</tr>
<tr>
<td>E</td>
<td>SH 77-5 Small Adult</td>
<td>80</td>
</tr>
<tr>
<td>F</td>
<td>SH 77-6 Medium Adult</td>
<td>90</td>
</tr>
<tr>
<td>G</td>
<td>SH 77-7 Large Adult</td>
<td>100</td>
</tr>
</tbody>
</table>

SH 77-S
One each of all seven sizes of SH 77 Series Non-Center-Vented Oropharyngeal Airways

Did you know?

Since 2010, solar panels installed on our building have been producing electricity that helps to off-set the energy used in manufacturing our products!

In 2018, our Quality System was certified to ISO 13485:2016 with MDSAP for the United States and Canada.

Order by Fax ▶ 1-877-633-8661
Airway management products are essential for Emergency and Critical Care!

Laryngoscope Blades & Handles

Laryngoscope Blades are available in two types, Macintosh (curved) and Miller (straight) in a variety of sizes. All blades are lighted.

Macintosh Blades
Curved laryngoscope blades

| AM MAC Series          | Miller Blades
|------------------------|------------------------
| Macintosh Blades      | Straight laryngoscope blades
| A — AM MAC-1          | Size 1 - 87mm
| B — AM MAC-2          | Size 2 - 108mm
| C — AM MAC-3          | Size 3 - 130mm
| D — AM MAC-4          | Size 4 - 158mm

AM MIL Series
Miller Blades

| A — AM MIL-0          | Size 0  - 75mm
| B — AM MIL-1          | Size 1  - 102mm
| C — AM MIL-1.5        | Size 1.5 - 127mm
| D — AM MIL-2          | Size 2  - 155mm
| E — AM MIL-3          | Size 3  - 195mm
| F — AM MIL-4          | Size 4  - 205mm

Laryngoscope Handles

Laryngoscope Handles have a knurled finish for better grip.

- Fits all of our Macintosh & Miller Blades and adapts to most "hook-on" blades
- Stainless Steel
- Packaged: Individually

SM-MH
Medium Laryngoscope Handle
- Uses 2 "C" batteries

SM-PH
Penlite Laryngoscope Handle
- Uses 2 "AA" batteries

Macintosh & Miller Blade Replacement Bulbs

- Packaged: Individually

Replacement Bulbs for: AM MAC-1, AM MAC-2, AM MIL-0, AM MIL-1, AM MIL-1.5, AM MIL-2, AM MIL-3

SM-501 Small Frosted
SM-503 Small Pre-Focused

Replacement Bulbs for: AM MAC-3, AM MAC-4, AM MIL-4

SM-502 Large Frosted
SM-504 Large Pre-Focused
SM-505 Parabolic Reflector

High-quality medical products ➤ Since 1967
Endotracheal Tube Changers

Endotracheal Tube Changers provide a simple technique for changing endotracheal tubes.

- No Laryngoscope needed!
- Rigid but flexible
- Rounded tips allow smooth, trauma-less insertion
- Graduated marks for easy and accurate placement of new tube
- Available in nine sizes for 2.5mm I.D. to 7.5mm I.D. endotracheal tubes
- High Density Polyethylene
- Packaged: 10
  (Also available, a package of one each of all nine JEM Series sizes)

**JEM Series**

**Endotracheal Tube Changers**

<table>
<thead>
<tr>
<th>Size</th>
<th>Model</th>
<th>Fits</th>
<th>Markings</th>
<th>Length</th>
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<tbody>
<tr>
<td>A</td>
<td>JEM 400</td>
<td>7.5mm I.D. tubes</td>
<td>Black</td>
<td>29”</td>
</tr>
<tr>
<td>B</td>
<td>JEM 370</td>
<td>7.0mm I.D. tubes</td>
<td>Blue</td>
<td>27.5”</td>
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<tr>
<td>C</td>
<td>JEM 365</td>
<td>6.5mm I.D. tubes</td>
<td>Green</td>
<td>26.5”</td>
</tr>
<tr>
<td>D</td>
<td>JEM 360</td>
<td>6.0mm I.D. tubes</td>
<td>Magenta</td>
<td>26”</td>
</tr>
<tr>
<td>E</td>
<td>JEM 355</td>
<td>5.5mm I.D. tubes</td>
<td>Black</td>
<td>25”</td>
</tr>
<tr>
<td>F</td>
<td>JEM 350</td>
<td>5.0mm I.D. tubes</td>
<td>Blue</td>
<td>23”</td>
</tr>
<tr>
<td>G</td>
<td>JEM 340</td>
<td>4.0mm I.D. tubes</td>
<td>Magenta</td>
<td>19.5”</td>
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<tr>
<td>H</td>
<td>JEM 330</td>
<td>3.0mm I.D. tubes</td>
<td>Blue</td>
<td>16.5”</td>
</tr>
<tr>
<td>I</td>
<td>JEM 325</td>
<td>2.5mm I.D. tubes</td>
<td>Black</td>
<td>15”</td>
</tr>
</tbody>
</table>

How they work

**JEM Series Endotracheal Tube Changer**

The JEM Endotracheal Tube Changer is placed into the Endotracheal Tube. The guide mark location is noted.

The Endotracheal Tube is removed by passing it over the JEM Endotracheal Tube Changer. (Figure A)

The replacement Endotracheal Tube is inserted over the JEM Endotracheal Tube Changer. Guide marks facilitate accurate placement of the new Endotracheal Tube. (Figure B)

The JEM Endotracheal Tube Changer is then removed.
Pilot Tube Repair Kit

Pilot Tube Repair Kit allows cuff re-inflation on an endotracheal or tracheostomy tube with a damaged pilot line. Kit includes Pilot Tube Repair Device and 10 cc/mL Syringe.

How they work

Pilot Tube is cut between damaged area and patient. (Figure A)
Pilot Tube Repair Device’s Tapered Needle is inserted into cut Pilot Tube. (Figure B)
10 cc/mL Syringe is inserted into Pilot Tube Repair Device’s Inflation Port (Figure C), or into Cuff Pressure Monitor inserted into Pilot Tube Repair Device’s Inflation Port (Figure D). Cuff is inflated gradually.

Cuff Pressure Monitors

Cuff Pressure Monitors provide a simple, effective, and economical way to avoid excessive cuff pressure.

How they work

NS Series Cuff Pressure Monitors (including BE 148-4)

Cuff Pressure Monitor Adapter is inserted into the Endotracheal Tube’s Pilot Line Inflation Valve. Cuff Pressure is monitored by Cuff Pressure Monitor. If cuff pressure reading is not optimal, a 10cc Syringe (not included) is inserted into the Cuff Pressure Monitor Adapter Valve to increase or decrease pressure.
Anesthesia Flush Plug

Anesthesia Flush Plug provides a simple way to plug an anesthesia machine breathing circuit for flushing or other maintenance.

**AM 100P**

**Anesthesia Flush Plug**

- Can help reduce the possibility of exposure of personnel to anesthetic gases
- Protects anesthesia machine or mask from dust and debris when not in use
- Keeps ventilator circuits clean when not in use
- High Density Polyethylene
- Packaged: 25 or 50

15mm O.D.

**How they work**

![Typical Anesthesia Machine Breathing Circuit with Gas-Sampling Elbow and Anesthesia Mask.](image1)

**AM 100P — Anesthesia Flush Plug**

- Anesthesia Flush Plug at Gas Sampling Elbow
- Anesthesia Flush Plug at Y-Piece

**Anesthesia Holster**

Anesthesia Holster is used to store soiled laryngoscope blades, suction tips, etc. during intubation. Uniquely designed to attach to the bed or table’s side rail using a hooking-style clip built to fit standard operating room beds currently in use.

**CI-55**

**Anesthesia Holster**

- Dimensions:
  - 2.125 in. (54mm) wide
  - 2.125 in. (54mm) deep
  - 5.875 in. (149mm) high
- Helps prevent cross-contamination and pathogen transmission in the anesthesia work area
- Polypropylene
- Patent Pending
- Packaged: 10 or 20

Large enough to hold laryngoscope blades, without being intrusive!

Essential for anesthesia work areas!

For over 50 years, some of the world’s leading medical companies have relied on us to produce millions of **High Quality Medical Products...right here in the USA!**

We work in accordance with ISO 13485:2016 and the FDA’s Quality System Regulations. We can also assist you in attaining Regulatory approval for your medical products. With our in-house Engineering, Tool & Die, Machining, Injection Molding, Assembly, Quality Control and Regulatory departments, we have complete control over production and costs.

From single prototypes to full production runs, we have the facility and staff to meet your needs!

**Medical Product Outsourcing Company**

Plastic • Silicone Rubber • Metal

Order Online ▶ iiomedical.com
Breathing Bags

Breathing Bags are made of neoprene, and have a 22mm I.D. connection. They can be used in closed or semi-closed (with CO₂ absorber) rebreathing circuits. **Not made with natural rubber latex.**

Three-pleat style
- Green Neoprene, Polyisoprene, & Natural Thermoplastic Rubber

**KC 00.5N**
- .5-Liter Breathing Bag
  - Packaged: **Individually**

**SG 066-2N**
- 1-Liter Breathing Bag
  - Packaged: 1 or 25

**KC 002N**
- 2-Liter Breathing Bag
  - Packaged: **Individually**

**KC 003N**
- 3-Liter Breathing Bag
  - Packaged: **Individually**

Two-pleat style
- Green Neoprene, Polyisoprene, & Natural Thermoplastic Rubber

**KC 00.5N-2P**
- .5-Liter Breathing Bag
  - Packaged: **Individually**

**SG 066-2N-2P**
- 1-Liter Breathing Bag
  - Packaged: 1 or 25

**KC 002N-2P**
- 2-Liter Breathing Bag
  - Packaged: **Individually**

**KC 003N-2P**
- 3-Liter Breathing Bag
  - Packaged: **Individually**

High Pressure Hose Assemblies

High Pressure Hose Assemblies connect oxygen remotely. They deliver a high pressure flow of oxygen from a flowmeter or any delivery source. **Not made with natural rubber latex.**

- Standard Plated Brass Female DISS fittings on both ends
- Medical Grade PVC Tubing
- Packaged: **Individually**

**BE 1000-3**
- 4.5-ft. High Pressure Hose Assembly
  - Replacement for: BE 3000-PA/PS & RA/RS O₂ Instant Flow Valves

**BE 183-6**
- 6-ft. High Pressure Hose Assembly
  - Replacement for: BE 183 Series Manual Jet Ventilators

**Package Insert/User Instruction sheets for our products are available online at iiimedical.com**

**Instrumentation Industries, Inc.**

High-quality medical products | Since 1967
O₂ Instant Flow Valves

O₂ Instant Flow Valves stop the wasteful practice of oxygen dumping, while assuring the flow of oxygen to resuscitation bags. They are essential where O₂ to a resuscitation bag is always on, but used only when needed.

- For use with adult, pediatric, or neonatal resuscitation bags weighing more than 3 oz. (90 g)
- Flowmeter is not affected in any way!
- Standard Plated Brass DISS Fittings
- Plated Brass Small Bore Tubing Bubble Fittings
- Anodized Aluminum & Steel
- Packaged: Individually

How they work

O₂ Instant Flow Valves

When resuscitation bag is placed on O₂ Instant Flow Valve arm, oxygen flow is stopped.

When resuscitation bag is removed from O₂ Instant Flow Valve arm, oxygen flow resumes.

Flowmeter-Mounted
(Direct Connection to Flowmeter)

BE 3000-FA
Flowmeter-Mounted O₂ Instant Flow Valve
- Forked Arm
- Does not require Bag Hanger

BE 3000-FS
Flowmeter-Mounted O₂ Instant Flow Valve
- Short Arm
- Includes: BE 1000-2 Bag Hanger

Pole-Mounted
(Remote Connection to Flowmeter)

BE 3000-PA
Pole-Mounted O₂ Instant Flow Valve
- Forked Arm
- Includes: BE 1000-3 4.5-ft. High Pressure Hose Assembly
- Does not require Bag Hanger

BE 3000-PS
Pole-Mounted O₂ Instant Flow Valve
- Short Arm
- Includes: BE 1000-3 4.5-ft. High Pressure Hose Assembly

Bag Hangers

O₂ Instant Flow Valve Bag Hangers attach resuscitation bags to Short Arm O₂ Instant Flow Valves. Not made with natural rubber latex.
Save oxygen...save money...with O₂ Instant Flow Valves!

**O₂ Flow Selector Valve**

O₂ Flow Selector Valve allows switching between O₂ therapy and SVN aerosol treatment using one O₂ outlet. Flow is redirected at the “Flick of a Switch”!

**SC 603-A**

O₂ Flow Selector Valve
- Plated Brass Standard DISS fittings
- Plated Brass Small bore tubing bubble fitting
- Polycarbonate
- Internal Brass Valve
- Packaged: Individually

**How they work**

Set Toggle Switch to desired position:
- Position 1: SVN Aerosol Treatment
- Position 2: Humidified Oxygen

**Rail-Mounted**

(Remote Connection to Flowmeter)

**BE 3000-RA**

Rail-Mounted O₂ Instant Flow Valve
- Forked Arm
- Includes: BE 1000-3 4.5-ft High Pressure Hose Assembly
- Does not require Bag Hanger
- Does not fit on rails flush to wall

**BE 3000-RS**

Rail-Mounted O₂ Instant Flow Valve
- Short Arm
- Includes: BE 1000-3 4.5-ft High Pressure Hose Assembly
- Includes: BE 1000-2 Bag Hanger
- Does not fit on rails flush to wall

**BE 1000-3**

Replacement 4.5-ft High Pressure Hose Assembly
- Replacement for: BE 3000-PA & PS BE 3000-RA & RS
- See pg. 29 for more info
- Packaged: Individually

**Replacement Parts**

4.5-ft. High Pressure Hose Assembly

**BE 3000-3**

Replacement 4.5-ft High Pressure Hose Assembly
- Replacement for:
  - BE 3000-PA & PS
  - BE 3000-RA & RS
- See pg. 29 for more info
- Packaged: Individually

**We did the math... you do the saving!**

$1.40/100 ft³ O₂ cost

× 15 lpm O₂ flow rate

× 0.0353 Conversion of liters to ft³

× 175,200* Minutes per year of wasted O₂ to a resuscitation bag

= $1,299 Annual savings per bed!

* Assuming the O₂ is not needed for various reasons 1/3 of the year. Your results may vary.

**Wall Mount**

Wall Mount allows a Rail-Mounted O₂ Instant Flow Valve (BE 3000-RA/RS) to be used in rooms without installed rails.

**BE 3000-WM**

Wall Mount
- Can be moved from room to room
- Anodized Aluminum
- Packaged: Individually

High-quality medical products ► Since 1967
Barbed Tubing Adapters
("Christmas Tree" Connectors)

Barbed Tubing Adapters are precision-engineered to help in delivering prescribed gas flow from flowmeters. Poorly manufactured or improperly attached Barbed Tubing Adapters can compromise prescribed gas flows by leaking.

- Fits standard 9/16-18 (DISS 1240) outlet
- Six colors for easy color coding
- Packaged: 25 or 50

SH 74-C
Barbed Tubing Adapter
- Clear
- Acrylic Copolymer

SH 74-G
Barbed Tubing Adapter
- Green
- ABS (Acrylonitrile Butadiene Styrene)

SH 74-W
Barbed Tubing Adapter
- White
- ABS (Acrylonitrile Butadiene Styrene)

SH 74-BK
Barbed Tubing Adapter
- Black
- ABS (Acrylonitrile Butadiene Styrene)

SH 75-C
Swivel Barbed Tubing Adapter
- Clear

SH 75-G
Swivel Barbed Tubing Adapter
- Green

SH 75-W
Swivel Barbed Tubing Adapter
- White

SH 75-Y
Swivel Barbed Tubing Adapter
- Yellow

SH 75-BL
Swivel Barbed Tubing Adapter
- Blue

SH 75-BK
Swivel Barbed Tubing Adapter
- Black

Swivel Barbed Tubing Adapters swivel 360° until tightened to help with installation.

- Swivels 360° until tightened
- Fits standard 9/16-18 (DISS 1240) outlet
- Six colors for easy color coding
- ABS (Acrylonitrile Butadiene Styrene)
- Packaged: 25 or 50

Are your current Christmas Tree Connectors leaking?...

test them
1. Turn flowmeter on.
2. Set flow to 3 l/min.
3. Pinch patient end of tube.
4. If ball falls to zero, it is NOT leaking.
5. If ball continues to float at any level, it IS leaking.

If yours are leaking, try ours!
Quality **O₂ delivery products** help facilitate patient treatment!

**5-in-1 Connector**

5-in-1 Connector helps in connecting various sizes of tubing or to extend the length of tubing.

- Barbed edges help prevent disconnects
- Fits tubing with inside diameters from 3/16” to 7/16”
- Polypropylene
- Packaged: 25 or 50

**Flowmeter/Air Compressor Adapters**

Flowmeter/Air Compressor Adapters connect a flowmeter or an air compressor directly to 22mm I.D. tubing. Can be used with high gas flows for CPAP.

- Standard Plated Brass Female DISS Fitting
- Security chain to prevent loss
- Anodized Aluminum & Steel
- Packaged: individually

- How they work

- Flowmeter Security Devices

- O₂ Tank Wrench

**Flowmeter Security Devices**

Flowmeter Security Devices can help eliminate the misplacement of flowmeters. They attach flowmeters securely to an oxygen wall plate.

- Packaged: individually

**O₂ Tank Wrench**

O₂ Tank Wrench is made of plated steel. 12” security cable helps prevent misplacement of wrenches.

- Packaged: individually

**High-quality medical products ▶ Since 1967**
Mask/Filter Storage Boxes

Mask/Filter Storage Boxes provide immediate availability of resuscitator bags, airways, masks, filters, eye protection, etc.

- Available in 3 sizes
- Includes 5 Red & 5 Yellow Replaceable Safety Seal Locks which ensure the integrity of box contents
- Contents clearly visible
- Can be mounted on any smooth surface
- Clear acrylic with opaque backing
- Packaged: Individually

BE 4500
Mask/Filter Storage Box
- 9¼" High
- 6" Wide
- 4½" Deep

BE 4500-18D
Mask/Filter Storage Box
- 18" High
- 6" Wide
- 5¼" Deep

BB 4500-20D
Mask/Filter Storage Box
- 20" High
- 8" Wide
- 6" Deep

Replacement Parts

Replacement Safety Seal Locks for all of our Mask/Filter Storage Boxes.

- Helps ensure box integrity
- For: BE 4500, BE 4500-18D, & BB 4500-20D
- Packaged: 5

BE 4501
Replacement Safety Seal Locks
- Red

BE 4502
Replacement Safety Seal Locks
- Yellow

All of our products are available online!
iiimedical.com
High-quality medical products ➤ Since 1967

"NO SMOKING - OXYGEN IN USE" Sign

"NO SMOKING - OXYGEN IN USE" Sign is sold in multiples for use throughout your facility.

**BE 352**
"NO SMOKING - OXYGEN IN USE" Sign

- 5” x 8”
- Red on white for high visibility
- Inexpensive way to display "No Smoking" sign where oxygen is in use
- **English** one side / **Spanish** one side
- White Vinyl
- Packaged: 50 or 100

**Magnetic "OXYGEN - NO SMOKING" Signs**

Magnetic "OXYGEN - NO SMOKING" Signs are sold in multiples for use throughout your facility.

- 1½” x 8”
- Red on white for high visibility
- Available in **English** or **Spanish**
- Packaged: 10

**Reversible Screwdriver**

Reversible Screwdriver has one flathead end and one Phillips end...very handy for re-zeroing gauges or making fine adjustments.

**EH 2**
Reversible Screwdriver

- 5” long
- Pocket clip
- Plated Steel
- Packaged: 1 or 5

How are we doing?

Tell us what we’re doing right... or what we need to do better.

feedback@iimmedical.com
Breast Marker

Breast Marker is used to assist in nipple placement during breast re-constructive surgery. A temporary impression is made by pressing the Breast Marker onto skin with a gentle rotating motion.

**NL 100**
Breast Marker

- Two marking edges: 38mm & 42mm
- Methylene blue may be used as a marking agent
- Polycarbonate
- Packaged: 25

Nose Clip

Nose Clip helps to hold a patient’s nostrils closed while administering treatment or during clinical testing.

**SH 7-47**
Nose Clip

- Acetal & Polyvinyl Chloride (PVC)
- Packaged: 50 or 100

Accessories for Discontinued, Instrumentation Industries, Inc. Gauges with Metal Cases

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Compatibility</th>
<th>Packaging</th>
</tr>
</thead>
<tbody>
<tr>
<td>BE 147-GC</td>
<td>Blue Gauge Cover w/Long Neck</td>
<td>Fits Vacuum/Pressure Gauges: BE 147, BE 147-30, BE 148, BE 148-30, &amp; BE 148-120</td>
<td>Individually</td>
</tr>
<tr>
<td>BE 147-GCV</td>
<td>Blue Gauge Cover w/Short Neck</td>
<td>Fits Vacuum/Pressure Gauges: BE 147, BE 147-30, BE 148, BE 148-30, &amp; BE 148-120</td>
<td>Individually</td>
</tr>
<tr>
<td>BE 148-2</td>
<td>Screw-on Smooth Crystal</td>
<td>Replacement Crystal for Vacuum/Pressure Gauges: BE 147, BE 147-30, BE 148, BE 148-30, &amp; BE 148-120</td>
<td>Individually</td>
</tr>
</tbody>
</table>

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Contact us.

We're always on the lookout for ideas that can help in patient treatment.

**1-800-633-8577**
sales@iiimedical.com

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Providing quality medical products since 1967

“We breathe easy when the world breathes easier!”