

# Supplies



Contact Sales Support at 800.655.1133 to order supplies  
Outside U.S.: Please contact your local MGC Diagnostics distributor for support

MGC Diagnostics' supplies are the *only* recommended supplies for use with MGC Diagnostics' equipment to achieve accurate, validated test results that meet ATS and ERS standards. Other supplies require use of an adapter which adds additional dead space and could easily leak during patient testing. MGC Diagnostics' supplies have a unique design that eliminates the need for any adapters resulting in accurate test results without the need for retesting - saving time and money.



## UNIVERSAL SUPPLIES

**PREVENT® FLOW SENSOR**  
Part Number 758100-004 (24 per pack)

The preVent® flow sensor is small, durable and lightweight providing simplicity and accuracy to testing. The proprietary design saves time between patients and provides maximum infection control while meeting or exceeding ATS/ERS standards and specifications.

- Eliminates warm-up or recalibration between patients
- Simple snap-in setup contains no moving parts or electronics for cost effective testing
- Options to use with a filter, sterilize or discard



### PREVENT® FLOW SENSOR SPECIFICATIONS

- Bidirectional Pitot tube flow sensor
- Range: ±18 L/s
- Accuracy: ±3% or 50 mL, whichever is greater
- Resistance: <1.5 cm H<sub>2</sub>O @ 14 L/s
- Dead space: 39 mL
- Size:
  - Length: 3" (7.26 cm)
  - O.D.: 1.375" (3.5 cm)
  - Weight: 0.9 oz (26 gm)

### DISPOSABLE MOUTHPIECES

Part Number 536006-004 (100 per pack)

Mouthpieces designed for use on MGC Diagnostics systems are available in a variety of sizes for maximum comfort. Made in the U.S.A.



### DISPOSABLE NOSE CLIPS

Part Number 536007-003, 536007-001, 536018-001 (100 each per pack)

Disposable nose clips are effective in preventing leaks during testing. The design has a secure fit that won't slip during testing. Made in the U.S.A.



## PULMONARY SUPPLIES

**PREVENT II™ FILTER**  
Part Number 536713-002 (100 per box)

The preVent II™ filter uses high quality electrostat® material that traps bacteria and viruses, preventing contamination to the patient, technician and equipment. With a unique oval mouthpiece design and lip grip, the filter is comfortable to use. Designed to fit directly on the preVent flow sensor, the smart design is leak-free yet can be rotated for proper patient alignment.

- Eliminates the need for an additional coupler
- Filter design provides low resistance and minimal deadspace
- Eliminates leaks for accurate results
- Meets or exceeds ATS/ERS standards and specifications
- Provides cost effective barrier filtration for infection control
- Made in the U.S.A.



### PREVENT II® FILTER SPECIFICATIONS

- Bacterial Efficiency: >99.98%
- Resistance: 0.1 cm H<sub>2</sub>O/L/sec @ 0.5 L/sec
- Viral Filtration Efficiency: >99.92%
- Materials:
  - K resin case
  - Electrostat® filtrate medium
- Dead space: 53 mL
- Recyclable, single patient use

### KITS

Kit 1: Part Number 536719-001 (100 per pack)  
contains the preVent II™ filter and the disposable, padded nose clip.

Kit 2: Part Number 536723-001 (100 per pack)  
contains the preVent II™ filter, the disposable padded nose clip and the disposable mouthpiece.

These recommended kits, with parts contained in a sealed bag, create an entire patient testing package which ensures efficiency, maximizes clinical use and promotes patient satisfaction.



KIT 1



KIT 2



## III GAS EXCHANGE SUPPLIES

### DIRECTCONNECT™ METABOLIC FLOW SENSOR

Part Numbers: keyed: 750066-003, non-keyed: 750050-003 (both 24 per pack)

The DirectConnect™ metabolic flow sensor is the first metabolic assessment interface to allow direct measurement of a patient's metabolism without compensating for, diverting or turning off bias flow.

- Allows for early and improved nutritional management of ventilator patients on a wide range of ventilators typically found in the ICU/CCU.
- Simple set-up design saves time while focusing on patient.
- Directly measures gas exchange without the need for correction factors, complicated connections or isolation valves providing unsurpassed accuracy and reliability.

### PREVENT® FACE MASK

Part Numbers: XS: 670009-005 (12 per pack), S: 670009-001 (12 per pack), M: 670009-002 (24 per pack), L: 670009-003 (12 per pack), Assorted: 670009-004 (S-6, M-12, L-6), Coupler: 670010-003 (4 per pack)

The preVent® face mask is designed to support the preVent flow sensor or DirectConnect metabolic flow sensor to provide the lightest and most comfortable testing available. The adjustable neoprene face mask is flexible and does not require the flow sensor to be placed in the client's mouth, yet still results in little or no dead-space or leakage between the mask and the client's face.

### MOUTHPIECE WITH SALIVA TRAP

Part Number 758301-001 (50 per pack)

Mouthpieces designed for use on MGC Diagnostics' Gas Exchange systems are available with convenient saliva trap.



### DIRECTCONNECT™ METABOLIC FLOW SENSOR SPECIFICATIONS

- Bidirectional Pitot tube flow sensor
- Patent number: 5,038,773
- Accuracy:  $\pm 3\%$  or 10 mL, whichever is greater
- Resolution: 2.4 mL/s
- Range: 0–40 L/min
- Application range: 100–2000 mL
- Tidal volume range: 100–2000 mL
- Size:
  - Length: 3.35" (8.5 cm)
  - O.D.: 0.7" (1.75 cm)
  - Weight: 0.3 oz (8.5 gm)



MGC DIAGNOSTICS CORPORATION, through its subsidiary Medical Graphics Corporation  
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