



***IMPACT Instrumentation Inc.***

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**Subject: Suggested Addition of filter to 754 to increase service life**

As part of Impact's effort to continually update our customers on ways to increase the service life of our devices, we are alerting you to the fact that the following has been added to page viii of the 754 Operation Manual under "Location of Use".

**CAUTION:** Routine use of an external filter (Impact p/n 465-0024-00 or equivalent) will prevent entrainment of particulate and increase the service life of the flow transducers.



Approved by: \_\_\_\_\_

Name, Title: Mel Chettum, Secretary/Treasurer

Date: March 24, 2011

# **OPERATION MANUAL**

**PORTABLE, SELF-CONTAINED VENTILATION SYSTEM  
(VENTILATOR, COMPRESSOR, AIR/OXYGEN MIXER)**

**UNI-VENT<sup>®</sup> Eagle<sup>™</sup>  
700 SERIES  
MODEL 754**

**Impact Instrumentation, Inc.  
27 Fairfield Place  
West Caldwell, New Jersey 07006**

## CALIBRATION/PREVENTATIVE MAINTENANCE NOTICE

This device should be incorporated into a regular preventative maintenance program to insure compliance with operating specifications (see LIMITED WARRANTY statement). Calibration measurements should be made each year unless significant usage warrants a shorter period between preventative maintenance inspections. A complete calibration check should be made following each 2000 hours of cumulative use or 12-month period. A pressure-sensitive Calibration label is attached to the outer case, indicating when the last calibration was performed and the next calibration is due. DO NOT remove this label. Following 6-months of continuous storage/non-use, this device should be examined, operationally tested, and its batteries recharged before patient-use is attempted. The Model 754 contains internal clocks that monitor cumulative use and storage/non-use periods. Appropriate Advisory Alarm messages will appear in the Alarm Message Center when calibration/preventative maintenance is required.

## UNPACKING

Compare shipping case contents against SHIPPING CONTENTS list. Examine instrument for any obvious signs of shipping damage. If there is no apparent sign of mechanical damage, read instructions contained within this Manual before attempting operation.

## LOCATION OF USE

The Uni-Vent® Eagle™, Model 754, is a transportable device, therefore, its location of use will vary. When operated in a wet environment, users should take precautions and protect this device by covering it with a protective barrier (small tarp, plastic sheet, etc.).



**CAUTION:** Routine use of an external filter (Impact p/n 465-0024-00 or equivalent) will prevent entrainment of particulate and increase the service life of the flow transducers.

## WARNINGS AND CAUTIONS REGARDING USE

**WARNING:** Electric shock hazard, do not remove equipment covers.

**WARNING:** Do not operate this instrument prior to reading instructions contained within this Manual.

**WARNING/CAUTION:** Possible explosion hazard if used in the presence of flammable anesthetics.

**WARNING/CAUTION:** DO NOT block or connect the ventilator circuit hose to the Internal Compressor Air Filter port (see Figure 2).

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

**WARNINGS AND CAUTIONS REGARDING USE, (cont'd)**

**CAUTION:** Service is to be performed by qualified biomedical equipment technicians only.

**CAUTION:** Do not allow oil and grease to enter system. See ROUTINE CARE AND MAINTENANCE section entitled CLEANING for additional instructions.

**CAUTION:** Internal components are susceptible to damage from static discharge.

# **MANUAL, OPERATION & SERVICE**

**PORTABLE, SELF-CONTAINED VENTILATION SYSTEM  
(VENTILATOR, COMPRESSOR, AIR/OXYGEN MIXER)**

**UNI-VENT<sup>®</sup> Eagle<sup>™</sup>  
700 SERIES  
MODEL 754M**

**Impact Instrumentation, Inc.  
27 Fairfield Place  
West Caldwell, New Jersey 07006**

## LIMITED COPYRIGHT RELEASE (Model 754M only)

Permission is hereby granted to the Department of Defense to reproduce all material furnished under this contract for use in a military service training program and other technical training programs.

## CALIBRATION/PREVENTATIVE MAINTENANCE NOTICE

This device should be incorporated into a regular preventative maintenance program to insure compliance with operating specifications (see LIMITED WARRANTY statement). Calibration measurements should be made each year unless significant usage warrants a shorter period between preventative maintenance inspections. A complete calibration check should be made following each 2000 hours of cumulative use or 12-month period. A pressure-sensitive Calibration label is attached to the outer case, indicating when the last calibration was performed and the next calibration is due. DO NOT remove this label. Following 6-months of continuous storage/non-use, this device should be examined, operationally tested, and its batteries recharged before patient-use is attempted. Recommended maintenance checks can be found in the SERVICE section of the Model 754M Instruction Manual. The Model 754/754M contains internal clocks that monitor cumulative use and storage/non-use periods. Appropriate Advisory Alarm messages will appear in the Alarm Message Center when calibration/preventative maintenance is required.

## UNPACKING

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## LOCATION OF USE

The Uni-Vent®Eagle™, Model 754/754M, is a transportable device, therefore, its location of use will vary. When operated in a wet environment, users should take precautions and protect this device by covering it with a protective barrier (small tarp, plastic sheet, etc.).



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

WARNINGS AND CAUTIONS REGARDING USE, (cont'd)

**CAUTION:** Service is to be performed by qualified biomedical equipment technicians only (for Model 754M, see SECTION entitled SERVICE).

**CAUTION:** Do not allow oil and grease to enter system. See ROUTINE CARE AND MAINTENANCE section entitled CLEANING for additional instructions.

**CAUTION:** Internal components are susceptible to damage from static discharge.