










Air Hoses

For uses with Series 1000, Series 5000, and Series 7000 Pneumatic Power Instruments.

SYMBOLS GLOSSARY

Name	Ref#	Symbol	Description	Use Standard
Consult Instructions For Use (IFU)	1641		Indicates the need for the user to consult the Instructions For Use (IFU). Not required in conjunction with the Caution symbol, if applicable.	ISO 15223-1:2012 ¹
Authorized Reps in the European Community	N/A		Indicates the authorized representative in the European Community. This symbol shall be accompanied by the name and address of the authorized representative, adjacent to the symbol.	ISO 15223-1:2012 ¹
Serial #	2498		<ul style="list-style-type: none"> Indicates the manufacturer's serial number so that a specific medical device can be identified. Per EN980:2008, the SN symbol may be used without surrounding box. 	ISO 15223-1:2012 ¹
Date of Manufacture	2497		<ul style="list-style-type: none"> Indicates the date when the medical device was manufactured. The date is expressed as YYYY-MM (e.g. 2015-11) or YYYY-MM-DD (e.g. 2015-11-29). If the symbol is filled (see Manufacturer symbol), both the date of manufacture and the name/address of the manufacturer may be combined in one symbol. 	ISO 15223-1:2012 ¹
Manufacturer	3082		<ul style="list-style-type: none"> Indicates the medical device manufacturer. This symbol shall be accompanied by the name and address of the manufacturer. The date of manufacture may be combined with this symbol. When using MicroAire as the manufacturer, use the MicroAire LLC symbol. 	ISO 15223-1:2012 ¹
CE Mark	N/A		Indicates the European Conformity Mark	Council Directive 93/42/EEC
Humidity Limitation	2620		Indicates the range of humidity to which the medical device can be safely exposed. The humidity limitations shall be indicated adjacent to the upper and lower horizontal lines.	ISO 15223-1:2012 ¹
Temperature Limitation	0632		Indicates the temperature limits to which the medical device can be safely exposed. The upper and lower limits to temperature shall be indicated adjacent to the upper and lower horizontal lines.	ISO 15223-1:2012 ¹
Prescription	N/A		Caution: Federal Law (U.S.A.) restricts this device to sale by or on the order of a physician (or properly licensed practitioner).	FDA Title 21, Chapter 1, Subchapter H, Part 801.15(F)

¹ ISO 15223-1:2012 – “Medical devices – Symbols to be used with medical device labels, labelling and information to be supplied – Part 1: General requirements”

² ISO 7000/IEC 60417 – “Graphical symbols for use on equipment – Registered symbols”

DEFINITIONS

- CAUTION:** Used to point out special procedures or precautions that must be followed to avoid damaging the system instrumentation.
- WARNING:** Used to indicate that the safety of the patient and hospital personnel could be involved.
- WARNING:** Do not attempt to repair a torn hose by wrapping tape around it. This could restrict the exhaust flow and cause the hose to explode.
- WARNING:** Do not use the air hose if there is evidence of pressure leakage.
- WARNING:** Aging and repeated usage / sterilization will gradually deteriorate air hose materials, possibly resulting in product failure or injury.
- WARNING:** Failure to secure the air hose to handpiece could result in injury.
- CAUTION:** Federal Law (USA) restricts this product to sale by or on the order of a physician or hospital.
- CAUTION:** Use of this device is limited to those with training in the use pneumatic instruments.

Instructions for Air Hose

1. Inspect Air Hose before each use.

Check for punctures, tears or worn areas. Check the metal collar at each end of the hose for loosening or wear. Do not use a compromised or damaged air hose

WARNING: Do not attempt to repair a torn hose by wrapping it with tape or fabric. This could restrict the exhaust flow and cause the hose to explode.

2. Test the Air Hose before use.

- a. Wear eye protection.
- b. Attach the Air Hose to the nitrogen regulator or air-supply outlet.
- c. Slowly open the pressure-control valve to apply pressure to the Air Hose. Begin with low pressure and slowly increase it to the normal operating pressure of 100 p.s.i. (689 kPa). Listen for any sounds of air leakage. Leakage indicates a worn or damaged hose.

WARNING: Do not use the Air Hose if there is evidence of air leakage.

- d. Connect a handpiece to the Air Hose. Test the handpiece for normal operation.
- e. If the Air Hose does not insert easily into the handpiece, there are two possible problems:
 - The hose fitting or the handpiece fitting may be bent damaged. Try another hose and handpiece to see if the damaged part can be identified. If not, return the damaged piece to the factory for service.
 - The O-ring in the handpiece connector may be dried out. If so, lubricate with a small amount of sterile petroleum jelly or sterile water (not saline).
- f. Ensure that the Air Hose does not disconnect from the handpiece when in use.

WARNING: Failure to secure the air hose to handpiece could result in injury.

WARNING: Aging and repeated usage / sterilization will gradually deteriorate the Air Hose materials, possibly resulting in product failure or injury.

Return the air hose to the factory at least once per year for inspection and service.

DISPOSAL

To reduce the risk of contamination by biological waste, it is recommended that all devices shall first be cleaned and sterilized. Disposal shall comply with all local, state and federal laws and regulations.

WARRANTY

MicroAire Surgical Instruments are guaranteed free from defects in material and workmanship for a period of one year from the date of purchase. During the warranty period, any product found to have a defect in material or workmanship will be repaired or replaced at the discretion of the manufacturer. All other expressed or implied warranties are excluded and MicroAire shall have no liability for incidental or consequential damages.

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