On Line Controls Inc.

MicroAir I

Pressure Control: The set point may be adjusted manually on a MicroAir I, ultra low air pressure regulator. When connected to standard factory air supply, the MicroAir's regulator balances the output pressure against a low-tension spring and expels surplus air to the atmosphere making it a complete air support system. The pressure is maintained for widely varying flow rates such as sudden increase when a cut is made. Manual model controlled by a single 30 turn fine adjustment knob. Constant, stable, precise and accurate air pressure to control the outside diameter of the tube.

Air Input: The air inlet is connected to normal factory air which has been regulated down to approximately 45 - 50 psi.

RANGES (check out Range page):

- Various ranges from 0 – 3 inches of water or maximum 0 – 5 psi
- Lowest ranges can regulate below 1" of water with highly accurate precision
- Normal ranges (medical): 0-3" of water, 0-5" of water, 0-10" of water, 0-15" of water, 0-30" of water, (automotive tube) 0 – 3 psi or 0 – 5 psi
- The range can be easily changed with a Range Change Kit if needed.

Standard Features:

- Manual control with simple 30-turn knob.
- Magnehelic pressure gauge (4 1/2") for output pressure display
- Stainless steel enclosure
- Precision output pressure display
- Single channel unit – 12" x 10" x 6"; Dual channel -16" x 10" x 6"; and 3-channel 21" x 12" x 6"
- Damping fluid is used to ensure stable, hysteresis free operation. Fluid does not come in contact with air pressure and does not evaporate.
- Unit must be kept vertical.

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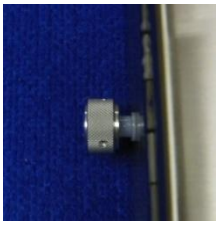
- Air connections – ¼” NPT male fittings – locate close to the Die
- WARRANTY – 3 years
- MADE in the U.S.A.
- Optional Stand available in the U.S.A.

Available in single, dual and 3-channel units for multilumen tubing.

MicroAir I

Dual MicroAir I

MultiAir 3-channel MicroAir I



IMPROVEMENTS

Internal body improvements have been made to the MicroAir I for better precision and stability at the lower ranges. Our units might look the same on the outside but internally they have been greatly improved upon in the last few years.

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