Extrucore

extrucore.com
702-875-1442

LumenAir Four™

Four channel precision air source for micro-tubing extrusion

Model: LA-4

Features

- **Four independent air channels**
- **Air pressure range: 0-45.00 inches of water per channel**
- **Air pressure resolution: 0.01 inches of water**
- **Maximum air flow: 10 LPM per channel**
- **Stand-alone operation with four internal precision air pumps - No air compressor required**
- **Full color 7 Inch touch screen**
- **External set point control via analog 0-10v inputs (four)**
- **External set point trim via digital inputs (four up / four down)**
- **External pressure monitoring via analog 0-5v outputs (four)**
- **External control via Modbus RS485 data port**
- **Modular pressure sensors can be sent out for re-calibration**
- **Dimensions: 16.6"W 13"D 7"H**
- **Weight: 23 lb**
- **Power input: 100-240 volts AC 50-60hz 1 Phase 3 amps max**



Precision multi-lumen air source

The LumenAir series of precision air systems are the industry standard for stable high-accuracy air flow to the extrusion die. This system gives you four separately controlled air outputs. Each air channel is controlled by a discrete set point value which can be entered on the touch screen or set remotely via one of the standard external control inputs connected from your extrusion control system.

Installation is as simple as plugging the unit into any standard power outlet. LumenAir systems are designed with precision internal air pumps and require NO external air compressor. Precise air pressure is maintained by four independent microprocessors. These modular units are portable and easily moved between extrusion lines. An optional wall-mount allows for easy installation at eye level, or use the optional mobile stand with locking wheels to combine multiple LumenAir units for any number of air channels your extrusion line requires.

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