Extrucore
Extrucore.com
Phone: 702-875-1442

LumenAir™

Precision air source for micro-tubing extrusion

Model: LA1C

Standard Features

- Air pressure range: 0-45.00 inches of water
- Air pressure resolution: 0.01 inches of water
- Maximum air flow: 10 LPM
- Stand-alone operation
  No air compressor required
- Full color 7 Inch touch screen
- External set point control via analog 0-10v input
- External set point trim via digital inputs
- External control via Ethernet port (Modbus-TCP)
- External control via RS485 data port (Modbus-RTU)
- Modular pressure sensor can be sent out for re-calibration
- Wall-mount enclosure
- Dimensions: 11”W 11”H 8”D
- Weight: 11 lbs (5 Kg)
- Power input: 100-240 volts AC 50-60hz 1 Phase 2 amps



Compact wall-mount air source

The LumenAir series of precision air systems are the industry standard for stable high-accuracy air flow to the extrusion die. The new compact LA1C series features the same precision air control in a much smaller wall-mount design. The air output is controlled by a digital set point value which can be set on the 7-inch touch screen, or controlled remotely using one of the external control inputs connected from your extrusion control system. All LumenAir systems incorporate precision internal air pumps and require NO external air compressor. Installation is as simple as plugging the unit into any standard power outlet. Precise air pressure is maintained by microprocessor control with the latest high-resolution digital pressure sensor technology.

Copyright 2002 - 2025 Extrucore

U.S. & Foreign Patents Pending