SAVES COSTS!

Let's Talk Return on Investment...

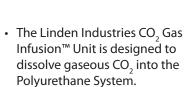
How much would 20% of your Chemistry Costs add up to – you do the math!

> Available with exclusive 24/7 <u>LINDEN</u> HOTLINE[™] Service Support System.

Ideal for use in:

- Structural Composites (LFI or Sprayed System)
- Automotive Floor Coverings
- Firewall Insulation
- Sound Absorption applications





LINDEN

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- Homogeneous distribution of CO₂ into the Polyol component of a Urethane formulation results in minimum consumption of CO₂.
- The system continuously monitors and updates the level of CO₂ in the Polyol. The CO₂ is introduced automatically based on control presets. Polyol is circulated from the material day tank through the sensor by a magnetically coupled auxiliary pump. The CO₂ concentration signal is <u>continuously</u> compared to the set point and CO₂ gas loading is

The Introduction of CO₂ Into Polyurethane can:

- Reduce Part Weight & Material Usage by approximately <u>20%</u> <u>and more</u>
- Improve Acoustical Sound Absorption Properties
- Improve Tool Wettability to Fill Complex Geometries and Eliminate Surface Defects
- Improve Atomization of PUR Spray Systems

Linden's Unique Gas Infusion Unit Continuously Monitors and Updates the Level of CO_2 Gas Entrainment in the Polyurethane Foam.

corrected automatically. Superb accuracy compared to competitors <u>Intermittent</u> CO₂ sampling units.

- Processing is possible with day tank blanket pressures as low as 40 psig and CO₂ supply pressures as low as 100 psig.
- CO₂ can be received from bottles, dewar tank, or bulk.
- CO₂ is nonflammable, reasonably priced, can be handled safely, and an abundant natural resource.
- The Gas Infusion unit can be provided as an addition to new or existing High Pressure Pump Polyurethane equipment, regardless of the Manufacturer.

Linden Industries, Inc. 137 Ascot Parkway, Cuyahoga Falls, Ohio 44223 Telephone: 330.928.4064 • Fax: 330.928.1854 Emergency Service 24/7: 330.928.4064 info@lindenindustries.com • www.lindenindustries.com





MARKET LEADERSHIP THROUGH MACHINERY INNOVATION

Features Include:

- Stand-alone skidded package for simplified installation.
- Operator friendly presets for CO₂ distribution control utilizing S.G. (Specific gravity) pre-sets
- Continuous monitoring and update of the distibution level
- Continuous running (adjustable speed) circulation pump with magnetic coupling
- CO₂ flow meter
- Precision day tank regulator
- In-line mixer
- Power disconnect
- Power 480 V, 3 Ph, 60 Hz
- E Stop Interlock
- Alarm output
- Dimensions:
 - Width: 40"
 - Depth: 26"
 - Heights: 88"

Linden Industries is an ISO 9001 certified manufacturer offering a comprehensive line of metering machines, mix heads, bulk storage systems, blending equipment, turntables, and conveyors.

Options:

- Other voltage available upon request
- CETL label to certify
 compliance with CSA standards
- <u>LINDEN</u> HOTLINE[™] Service Support System (requires a VPN connection)

CO2 GAS INFUSION