Reliable, Accurate Polyurethane Foam Dispensing
With the DELTA THERM™ Eliminator Gun from Dow
Setting the Standard in Polyurethane Foam Dispensing

The compact, lightweight DELTA THERM™ Eliminator Gun from Dow Polyurethanes is the most accurate and reliable metering, mixing and dispensing tool available for producing superior rigid polyurethane foam. Featuring an innovative, self-cleaning shut-off mechanism, this tool eliminates the need for hazardous solvents or hot water flushing, eliminating hazardous waste handling or disposal issues.

Used in a variety of industries, such as commercial refrigeration units, insulated transportation units, and insulated panels and doors, the DELTA THERM Eliminator Gun combines simplicity and high performance in a convenient package.

Solventless/Flushless Operation
The DELTA THERM™ Eliminator Gun uses an impingement mixing technology in which the “A” and “B” polyurethane components are automatically mixed and dispensed through the gun nozzle. And clean-up is a snap, with a self-cleaning shut-off mechanism that does not require solvent or hot water flushing.

Ease of Use
The DELTA THERM™ Eliminator Gun is easier to use than other conventional foam dispensing equipment. It contains fewer moving parts for less wear and downtime. Additionally, the DELTA THERM Eliminator Gun features a flow control valve to ensure proper ratio, and check valves to avoid cross contamination.

Customizable
The DELTA THERM™ Eliminator Gun head can be custom built to meet the needs of a specific application. An after-mixer with air purge can be installed to handle more viscous systems. The DELTA THERM Eliminator Gun can also be equipped with an optional ratio monitor. It is available in 6-, 15-, 30-, 40- and 50-pounds per-minute output versions, with even higher output equipment available.

Heated Internal Hoses
The DELTA THERM™ Eliminator Gun features heated internal hoses to bring components to optimal dispensing temperature quickly and evenly. The heating element automatically turns off when the component reaches the desired temperature.

Standard Multi-Shot Timer
Using a multi-shot timer allows the user to program various sequences of timed shots. The multi-shot timer can be mounted on the gun head for added convenience or placed in a remote location.

Externally Adjustable Flow Controllers
The chemical flow rate can be easily set through adjustable in-line flow controllers to achieve the desired chemical foam ratio. The external ratio adjustment method is cleaner and quicker than other methods, and it offers wide latitude in chemical ratio selections.

Ratio Monitoring
A ratio monitoring system is available to monitor the “A” and “B” component ratio. The unit records and stores data on foam shots dispensed. It includes an alarm, as well as an interlock option to shut off dispensing, when needed. Stored data can be downloaded to a computer for process and quality analysis, making it easy to calculate use of VOC-emitting products for reporting to OSHA or other regulatory agencies.

Economical
The DELTA THERM™ Eliminator Gun is available from Dow Polyurethanes via an authorized pro-forma lease agreement of $1/year (USD). All new lease agreements include brand new equipment, hoses and regulators. In addition, its design simplicity allows for quick and economical troubleshooting, and replacement part costs are low compared to competitive equipment.
**Versatility in Your Hands**

Use the DELTA THERM™ Eliminator Gun to accurately and reliably dispense polyurethane foam in the construction of:
- Commercial refrigeration units
- Refrigerated trailers
- Panels for modular structures
- Marine flotation systems
- Industrial insulation

**Complete Service and Customized Solutions**

Dow Polyurethanes offers on-site training to help customers extract the greatest value from the DELTA THERM™ Eliminator Gun. Training scope varies based on the company’s needs, but can include operation, maintenance and repairs, material handling/safety, and assistance with piping/system layout.

Dow Polyurethanes possesses a wealth of technical experience in many different industries, and offers a wide range of customizable solutions for a multitude of applications. Contact us to learn more about how we can leverage our resources and expertise to tailor a new system that meets your needs.

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**Dispensing System Comparison**

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>High Pressure System</th>
<th>Low Pressure System</th>
<th>Dual Pump Spray System</th>
<th>Solvent/Water Flush Froth System</th>
<th>DELTA THERM™ Eliminator Gun</th>
</tr>
</thead>
<tbody>
<tr>
<td>Initial equipment cost</td>
<td>$50,000+</td>
<td>$25,000+</td>
<td>$15,000+</td>
<td>$5,000+</td>
<td>$1/year</td>
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<tr>
<td>Maintenance demands</td>
<td>Medium</td>
<td>Medium</td>
<td>High</td>
<td>Medium</td>
<td>Low</td>
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<tr>
<td>Replacement parts costs</td>
<td>High</td>
<td>High</td>
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<td>Low</td>
<td>Low</td>
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<tr>
<td>Flush required</td>
<td>No</td>
<td>Yes</td>
<td>Yes/No</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>Flush waste stream created</td>
<td>No</td>
<td>Yes</td>
<td>Yes/No</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Ratio monitor</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Impingement mix</td>
<td>Yes</td>
<td>No</td>
<td>Yes</td>
<td>No</td>
<td>Yes</td>
</tr>
</tbody>
</table>