Dispense Technology for Polyurethane Foam & Adhesives

Dispense Technology for Polyurea & Elastomeric Coatings

Probler P2 Gun

The Probler P2 is the newest, smallest, lightest gun available for plural component polyurethane foam and polyurea coating spray systems.

Cut operational costs in half over the life of the gun due to significant reduction in replacement parts demand.

- The precise manufacturing of the patent pending mixing chamber, piston insert and costly o-rings has resulted in a 400% increase in triggering force compared to the competition's metal seal gun.

- The proven design for the best spray quality due to the gun's rugged design, high reliability, ease of use, and simple maintenance.

- Patent-Pending Endurance Chamber

This is a 2 piece mixing chamber design that is completely new to fast set foam and coatings. The 2 piece design gives better control over the surface finish and dimensions of the material flow passage.

Benefits to the end user:

- Less cleaning - up to 10 times longer operation time without drilling out the mixing chamber
- Better spray patterns - improved port hole and finish of the spray pattern
- Lower cost maintenance - the chamber insert can be replaced without replacing the entire chamber - the most expensive business part of the gun

Patented High Velocity Piston

This is a double piston design that gives more trigger force from a smaller piston diameter.

Benefits to the end user:

- More trigger force than other guns
- The o-rings and side-seals are available in a variety of materials to meet your specific application
- Material filters on the A and B sides
- Ergonomic handle for comfortable spraying

Whether you are applying insulation foam, spraying bed liners, or spraying polyurea, the Probler P2 is the most reliable and consistent spray gun available today.

Technology for Fast Set Foam and Coatings

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Piston Isolation Design

This special porting in the Probler P2 virtually eliminates the possibility of material entering the air piston of the gun.

Benefits to the end user:

- Consistent trigger operation and air purge
- No stick chamber
- Lower maintenance costs
- Less damage

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Whether you are applying insulation foam, spraying bed liners, or spraying polyurea, the Probler P2 is the most reliable and consistent spray gun available today.
The Stream Jet Nozzle can quickly dispense the foam to the bottom or back of a cavity, and it's also useful for filling difficult-to-access voids with foam.

The Stream Jet Nozzle is a valuable tool for reaching hard-to-reach areas or areas where application point is 15-18 feet away! This stream of polyurethane foam to an application point is 23983-01 the GlasCraft technical services department for recommendations on which Traditional Airless Spray Nozzle model to order. Consult your Factory Authorized GlasCraft distributor or pattern. 

The airless nozzle can be ordered in a Traditional Airless Spray Nozzle with ecological design and optimal performance (as shown above). 

Low Atomization Dispense Nozzle/Kit 23908-00

In standard applications, surface density is an overwhelming factor in ensuring successful results. Even a slight deviation from the proper flow of the materials can lead to incompletion or even failure of the application. Flat, poor, or uneven surfaces are commonly experienced.

The Stream Jet Nozzle is designed to meet this challenge by delivering a jet of foam to an application point and ensuring a successful outcome. 

Air Nucleation Kit 23909-00

Air Nucleation is a process that adds air bubbles to the applicator's material flow, allowing the application to self-level and self-rare. This reduces the potential for the application to sag, run, or create uneven surfaces.

Dispense Cycle Counter 23990-00

Dispense Cycle Counter is designed to control and direct the urethane being dispensed (as shown above). 

Flat Wall spray nozzle 23989-00

Flat Wall spray nozzle 23989-00 is developed specifically to provide the perfect pressure for this application. Flat Wall Spray nozzle is used in applications such as: 

1. Field repair of structural areas, 
2. Marine applications, 
3. Concrete repairs, and 
4. Roof-top applications.

Four Adapters 23940-00

When your project requires adapting the Probler P2 dispersion gun to match the specific needs of the application, four adapters are available:

- Steel Air Nucleation Pipe 23905-00
- Static Mixer 23907-00
- Air Nucleation Kit 23909-00
- Dispense Cycle Counter 23990-00

Material Recirculation Kit 23991-00

In field applications, material temperatures in the drums can sometimes be difficult to control. This can have a big impact on the performance of the materials in the drums before they can be properly sprayer with the application gun. By using the Material Recirculation Kit, all of the material can be recirculated back into the drums for a consistent flow of material.

Chop Fingers 23941-00

Chop Fingers can be used to control the foam's texture and to remove any excess material from the Probler P2 Dispense gun. 

Automatic (remote trigger) Probler P2 Dispense Gun 23999-00

Automatic (remote trigger) Probler P2 Dispense Gun is designed to allow the operator to control the flow of material by remote trigger, providing precise and repeatable spraying. 

Patent Pending Delayed Air Purge for the Probler P2 23906-00

Patent Pending Delayed Air Purge for the Probler P2 is designed to provide the operator with the ability to control the flow of material by remote trigger, providing precise and repeatable spraying.

Dispense Cycle Counter is designed to control and direct the urethane being dispensed (as shown above). 

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**Probler P2 Dispense Gun**

### Optional Accessories and Process Components

#### Flat Spray Adapter

23983-01

The Flat Spray Adapter series adds the Flat Spray Adapter nozzle and the Flat Spray Adapter to the Probler P2 for use with the Flat Spray Adapter nozzle. The flat spray nozzle is designed to reduce the number of spray applications by using a single nozzle to apply material to a specific area, resulting in a more efficient process.

#### Stead Wall Spray Nozzle

23978-01 (for 3/8” hose blocks)

This nozzle is specifically designed for wall spray applications. It is ideal for applications where a consistent and uniform spray pattern is required. The Stead Wall Spray Nozzle provides a steady spray pattern, minimizing variations in application, and ensuring the desired pattern is achieved.

#### Traditional Airless Spray Nozzles

1015-00-00

The traditional airless spray nozzle series is designed for a wide range of applications, offering a versatile and reliable solution for spraying materials such as adhesives, coatings, and foams. These nozzles are available in various sizes and shapes, allowing for flexibility in application techniques.

### Steady Air Jet Nozzles

23976-00

The Steady Air Jet Nozzles are designed for applications where a consistent and uniform spray pattern is required. These nozzles provide a steady stream of material, minimizing variations in application, and ensuring the desired pattern is achieved.

#### Low Atomization Dispense Nozzles/Kits

23987-05

The Low Atomization Dispense Nozzles/Kits are designed for applications that require a lower atomization rate, providing a more controlled and directed spray pattern. These nozzles are ideal for applications where precise control and minimal waste is crucial.

#### Four Adapters

23996-00

When using a spray gun, it is important to select the appropriate adapter that will connect the spray gun to the material source and provide the necessary connections for the spray system's operation. The Probler P2 offers a range of adapters to ensure compatibility and optimal performance.

### Patent Pending Delayed Air Purge for the Probler P2

23986-00

#### Dispense Cycle Counter

23985-00

The Dispense Cycle Counter is a useful accessory for tracking the number of dispense cycles, helping to monitor material usage and system performance. This feature is particularly valuable in applications where precise control is essential.

### Air Purge for the Probler P2

23984-00

The Air Purge for the Probler P2 is designed to provide a more controlled and directed spray pattern. This feature helps in reducing waste, improving material efficiency, and ensuring a consistent spray pattern.

#### Static Mixer

23983-01

The Static Mixer is an accessory that is used to mix the materials before they are applied. This accessory ensures a uniform and consistent mixture, providing better control over the material properties and application quality.

### Probler P2 Elite Dispense Gun

#### New!

23987-05

The newest addition to the Probler P2 line, the Probler P2 Elite Dispense Gun is designed to offer enhanced performance and versatility. This gun is equipped with advanced features, such as adjustable air purge, improved cycle counting, and a more robust design, making it ideal for a wide range of applications.

### Automatic (remote trigger) Probler P2 Dispense Gun

23985-00

This accessory is designed for applications where remote triggering is required, providing increased control and efficiency. It is useful in scenarios where the operator needs to maintain a safe distance from the spray area, allowing for improved accuracy and safety.

### Material Recirculation Kit

23983-01

In field applications, material temperatures depend on the ambient conditions. This accessory is designed to provide a more controlled and directed spray pattern, ensuring a consistent and uniform application. It is particularly beneficial in applications where precise control and material efficiency are critical.

### Air Nucleation Kit

23987-05

The Air Nucleation Kit is designed to introduce air into the mixing chemicals, enhancing the mixing process and providing better control. This accessory is essential in applications where precise control and material efficiency are critical.
The Stream Jet Nozzle is also a useful tool when filling difficult-to-access voids with foam. Ladders and scaffolding do not suffice to hard-to-reach areas or areas where application point 15-18 feet away! This allows you to shoot a tight, well-defined stream from a pistol into a rifle. This accessory turns the Probler P2 Spray Nozzle to choose for your application.

The airless nozzle can be ordered in a traditional flat pattern. In numerous pour applications, the cavity can easily be affixed to the Probler P2. Polyurethane to fill any type cavity or void, the unique “stud wall” spray nozzle for spraying into wall cavities.

The Stream Jet Nozzle

The Stream Jet nozzle, when used from a hose, can be piped onto the Probler P2 Dispense Gun. This accessory introduces air into the mix to improve spray conditions which affect roof-top applications or other applications where overspray is a weakness of traditional spray techniques. The Stud Wall application is up to 30’ (10m) stream and easily be affixed to the Probler P2. Polyurethane to fill any type cavity or void, the unique “stud wall” spray nozzle for spraying into wall cavities.

A popular accessory for the Probler P2, the Air Nucleation Kit allows for air to be introduced with the mixing chemicals. The static mixer and nucleator atomizes the mix and helps create a usable spray pattern. The Air Nucleation kit allows for air to be introduced with the mixing chemicals. The static mixer and nucleator atomizes the mix and helps create a usable spray pattern.

Low Atomization Dispense Nozzle/Kit

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Probler P2 Elite Dispense Gun

Optional Accessories and Process Components

Stud Wall spray nozzle

Flat Spray Adapter

Pour Adapter

Baseplate

Flat Spray Adapter

Stream Jet Nozzle

Low Atomization Dispense Nozzle/Kit

Air Nucleation

Static Mixer

Dispense Cycle Counter

Note: when ordering the LPA-2-147-XXXX nozzle, you will also need the PG-14 nozzle spacer! Note: when ordering the 23984-00 Pour Adapter option, we recommend the use of ¼” tubing (P/N 9704-11) to better control and direct the urethane being dispensed (as shown above). Note: when ordering the 23987-16 and/or 23987-24 nozzle, you also need to order the 19407-01 nozzle spacer!

The Air Nucleation kit allows for air to be introduced with the mixing chemicals. The static mixer and nucleator atomizes the mix and helps create a usable spray pattern.

Probler P2 Elite Dispense Gun

Optional Accessories and Process Components

Stud Wall spray nozzle

Flat Spray Adapter

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Probler P2 Gun

The Probler P2 is the newest, smallest, lightest gun available for plural component polyurethane foam and polyurea coatings spray systems.

We save you for less perfection

When you are spraying, get set, and there's no more room for error. The spray gun needs to produce at 100% efficiency 100% of the time.

We understand that the way your gun and its efficient operation is critical to maintaining profitability, quality, and our customer satisfaction. We focused on this when designing the patented technology used in the Probler P2.

Cut operational costs in half over the life of the gun due to significant reduction in replacement parts demands.

• The precise manufacturing of the patent pending mixing chamber, and insert has resulted in a lighter gun with lower cost over the life of the gun when compared with the competition's metal seal gun.
• The ergonomic design of the gun was created due to the grip's rugged design, high reliability, ease of use, and simple maintenance.

Technology for Fast Set Foam and Coatings

Patented Endurance Chamber

This is a 2 piece mixing chamber design that is completely new to fast set foam and coatings. The 2 piece design gives better control over the surface finish and dimensions of the material flow passage.

Benefits to the end user:

• Less cleaning - up to 10 times longer operation time without having to drill out the mixing chamber
• Better spray pattern - improved round bore and finish of the chamber interior results in a better material flow path and spray pattern
• Lower cost maintenance - the chamber insert can be replaced without replacing the entire chamber - the most expensive business part of the gun

Patented High Velocity Piston

This is a double piston design that gives more trigger force from a smaller piston diameter.

Benefits to the end user:

• More trigger force than other guns
• The o-rings and side seals are available in a variety of materials to meet your specific application
• Material filters on the A and B sides
• Ergonomic handle for comfortable spraying

Whether you are applying insulation foam, spray coatings, or spray foam, the Probler P2 is the most reliable and consistent spray gun available today.

Probler P2 Gun

• We have been spraying foam insulation almost everyday for 2 years with the Probler P2. We've had no repairs and very little maintenance.

TK – Southern US foam insulation contractor

The Probler P2 was designed with over 30 years experience in spraying every type of plural component material in hundreds of diverse applications and environment. Our experience, know-how, and spray operation managers have been incorporated into this comprehensive new series of the most advanced plural component gun available - and another industry benchmark brought to you by GlasCraft.

In addition to patented and exclusive technology in the P2 noted above the following design and performance features should be noted:

• More trigger force than other guns
• The o-rings and side seals are available in a variety of materials to meet your specific application
• Material filters on the A and B sides
• Ergonomic handle for comfortable spraying

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5845 West 82nd Street
Indianapolis, IN 46278
Phone: 317-875-5592
Fax: 317-875-5456
Email: sales@glascraft.com
www.glascraft.com

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Quick Maintenance

Piston Isolation Design

This special porting in the Probler P2 virtually eliminates the possibility of material entering the air piston of the gun.

Benefits to the end user:

• Consistent trigger operation and air purge
• Lower maintenance costs
• Less downtime

Probler P2 Gun

Dispense Technology for Polyurethane Foam & Adhesives

Dispense Technology for Polyurea & Elastomeric Coatings
**Probler P2 Gun**

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We won't beat perfection.

When you are spraying fast set materials there is no room for error. The spray gun needs to function at 100% efficiency 100% of the time.

GlasCraft understands that the way your gun and its’ efficient operation is critical to maximizing profitability, quality, and overall customer satisfaction. That is why we focused on this when designing the patented technology used in the Probler P2.

Cut operational costs in half over the life of the gun due to significant reductions in replacement parts demanded.

- The precise manufacturing of the patent pending mixing chamber and insert have resulted in no wear even with low cost composite materials compared with the metal or tungsten carbide gun.

- The proven design for the fast spray coats due to the gun’s rugged design, high reliability, ease of use, and simple maintenance.

Technology for Fast Set Foam and Coatings

Patent-Pending Endurance Chamber

The new 2 piece mixing chamber design is completely new to fast set foam and coatings. This 2 piece design gives better control over the surface finish and dimensions of the material flow passage.

Benefits to the end user:

- Less cleaning - up to 10 times longer operation time without drilling out the mixing chamber
- Better spray patterns - increased pattern size and finish of the material and reduced material loss
- Lower cost maintenance - the chamber insert can be replaced without replacing the entire chamber - the most expensive business part of the gun

Patented High Velocity Piston

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Benefits to the end user:

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- Ergonomic handle for comfortable spraying
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Benefits to the end user:

- Smallest and lightest production volume gun in the industry
- Over 300 lbs triggering force
- No stick chamber
- Less maintenance
- Piston Isolation Design

This special porting in the Probler P2 virtually eliminates the possibility of material entering the air piston of the gun.

Benefits to the end user:

- Consistent trigger operation and air purge
- No stick chamber

Certified

GC 5042