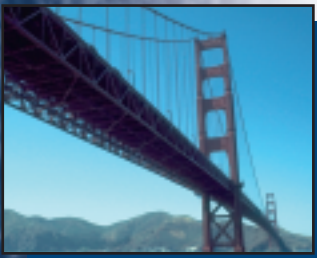


GSP (Gusmer Solvent Purge)

PLURAL-COMPONENT HIGH PRESSURE SPRAY GUN

- Designed specifically for spraying standard and non-standard ratio, and varied viscosity, tougher to mix, plural-component protective coating systems
- Powerful mixing capability featuring high pressure impingement AND optional static tube mixing system
- Reversible spray tip for fast and easy tip cleaning maintenance
- Quick connect/disconnect coupling block lets you service or change your gun quickly without chemical spillage



Elastomer Processing



Coatings



Construction



Coatings



Technical Data

	<u>U.S.</u>	<u>Metric</u>
Maximum Output:	40 lbs/min	18 kg/min
Minimum Output:	3.5 lbs/min	2 kg/min
Max. Operating Pressure:	3000 psi	207 bar
Air Supply:	100-125 psi	7-9 bar
Weight:	2.3 lbs	1 kg
Dimensions:	H=9 in/ W=9.5 in/ D=4.5 in	H=23 cm/ W=24 cm/ D=11 cm

(GSP) Gusmer Solvent Purge Spray Gun

Most plural component protective coating systems such as polyureas and polyurethanes are mixed at 1:1 ratios and have material component viscosities that range between 1500 and 250 CPS, at process temperature. With these standard mix ratios and relatively low, and consistent, material viscosities, mixing the materials and spray applying them can be achieved very successfully with traditional plural-component spray guns.

Today, there are many hybrid polyurethane, polyurea and epoxy coating systems available on the market for applications from waterproofing to flooring that possess excellent physical properties, but do not conform to the standard 1:1 ratio formulations. Often, these formulations have a wide viscosity curve from one component to the next, making them extremely hard to mix, spray and apply using traditional mechanical or air purge spray guns.

Gusmer Corporation continues to lead the plural component coating industry with new products and technology. The Gusmer GSP Solvent Purge Spray Gun represents another technical breakthrough in plural component protective coating applications. Designed specifically for spraying standard and non-standard ratio, and varied viscosity, more difficult to mix, plural-component protective coating systems.

Standard Features

Solvent Purge Cleaning System: The GSP features a manually actuated solvent purge system that directs cleaning solvent through the gun block, static mixing tube and spray tip. The knurled valve handle is easy to access and operate and can be actuated at the operator's demand.

Interchangeable Orifice Sizes: Allow the operator to adjust pressure for each side individually, balancing pressures to suit varied ratios and material component viscosity ranges.

Quick Connect Coupling Block: The quick-connect coupling block allows fast, clean removal of the gun without any chemical spillage. Just one mounting screw holds the gun to the coupling block—Remove the gun in seconds, anywhere. Hose connections can be made at 90° or 20° to best suit your particular application or preference.

Manual Shut Off Valves: Manual valves simplify material shut-off without relieving chemical or hydraulic pressure. For simplicity, all operations are done right at the coupling block.

Ergonomic, Lightweight Gun Handle: The entire gun assembly is engineered to maximize spray control, provide excellent balance, and reduce operator fatigue.

Rebuildable Air Cylinder: Simple to service, inexpensive rebuild kit helps keep the GSP air cylinder in proper working condition and increases gun service life.

Trigger Lever Safety Stop: A quick action safety stop lever is built into the GSP gun's handle to prevent accidental triggering when the gun is not in use.

Optional Features

Static Mixer: For those difficult to mix chemical systems or lower pressure applications, our static mixer fits on the end of the GSP gun to improve mix and control dispense flows. Several tube sizes are available with a variety of internal mixers to suit most applications.

Round Pattern Spray Tips: Many sizes available to spray in a round, or circular type, spray pattern.

Flat Pattern Spray Tips: Many sizes available to spray in a flat, or fan type, spray pattern.



Spray Tip Assembly



Static Mixer

WARNING: The equipment described herein must only be operated or serviced by properly trained individuals, thoroughly familiar with the operating instructions and limitations of the equipment.

NOTICE: All statements, information and data given herein are believed to be accurate and reliable but are presented without guarantee, warranty or responsibility of any kind expressed or implied. Statements or suggestions concerning possible use of GUSMER Equipment are made without representation or warranty that any such use is free of patent infringement, and are not recommendations to infringe any patent. The user should not assume that all safety measures are indicated or that other measures may not be required.

NOTE: All standard and service specifications identified on this GUSMER technical sales flyer are based on U.S. standards.

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