

# GAP Pro™

*Most affordably priced, highest quality air purge gun on the market!*

## GAP PRO FEATURES

- Long lasting hardened tool steel side seals and chamber
- Screens can be accessed without removal of the side blocks, for easier maintenance, balancing pressures and purging the system
- Chamber "purge tube" lubricates to prevent non-stick start ups
- Single tool side block and gun block assembly and disassembly
- Guide pin alignment for ease of side block and gun block re-assembly
- Replaceable helicoil threads in the side blocks and cylinder
- Redesigned easy to remove air cylinder clamp



Foam Insulation



Bed Liners



Roofing



Corrosion Protection



**GUSMER®**  
**TOUGH UNDER PRESSURE**

HIGH PERFORMANCE

## Technical Data

# GAP Pro

	<u>U.S.</u>	<u>Metric</u>
Maximum Output:	40 lbs/min	18 kg/min
Minimum Output:	3 lbs/min	1.4 kg/min
Max. Operating Pressure:	3000 psi	207 bar
Air Supply:	100-125 psi	7-9 bar
Weight:	2.34 lbs	1.06 kg
Dimensions:	H=7 in/ W=7 in/ D=4.4 in	H=17.8 cm/ W=17.8 cm/ D=11.2 cm
Mixing:	Internal Impingement; Airless Atomization, Solvent-free, Air Purge, Self-Cleaning	



## Standard Features

**Ergonomic Design:** (33% lighter than other air purge guns) – Light weight, compact size and ergonomic handle combine to give the gun superior balance and feel for unparalleled maneuverability, reduced operator fatigue and improved directional control of spray. Optional fittings enable the user to position the hoses vertically or horizontally for maximum ergonomic control.

**Trigger Action:** The trigger spool valve and the trigger spool cavity in the handle of the gun have been significantly increased in diameter. This results in increased airflow during the triggering of the GAP Pro Gun. This increased air flow not only results in faster opening and closing of the gun, but also provides additional air delivered to the mixing chamber, which enhances the cleaning of the mixing chamber.

**Screens:** The GAP Pro Gun is designed with screens on each side of the gun to filter out impurities. The screens can be accessed without removal of the side blocks, for easier maintenance.

**Teflon-impregnated Gun Body:** Easy maintenance – Teflon-impregnated two-piece gun body, air cylinder, coupling blocks and dispense nozzle are coated internally and externally with Teflon. This provides easier maintenance and cleanup. Additionally, most external steel parts are made from long-lasting, easy-to-clean stainless steel, not carbon.

**Mixing Chamber:** Longer-lasting – With a standard mixing chamber fabricated from high-strength hardened alloy steel. The GAP Pro Gun promises durability and optimal mixing at all times. The mixing chamber is easily removed, using a single tool from the front of the gun, eliminating the need to disassemble the air cylinder/piston assembly for chamber changing. The hardened steel mixing chamber comes standard with every GAP Pro gun.

**Manual Safety Shut-off:** Featuring constant air purge – A state-of-the-art safety lock maintains a constant air purge while preventing accidental triggering of the GAP Pro Gun when not in use. When locked, it is impossible to trigger the gun. (Other guns rely only on a metal bar in front of

the trigger as a "safety".) The GAP safety lock is easily accessible and requires just a quick twist.

**Variable Spray Pattern:** A variety of outputs and patterns. Interchangeable mixing chambers and spray tips provide virtually every output and flat or round pattern you'll ever need. The GAP Pro Gun easily accepts a static tube mixing system essential for mixing unheated polyurethane adhesives and OEM froth foam applications.

**Tool Kit:** Includes common and special tools to keep your gun maintained and running in top condition.

**Solvent-free:** Environmentally-safe – Gusmer's GAP Pro Gun is solvent-free and self-cleaning via a high velocity air purge at the end of each shot.

## Optional Features

**Round Tip:** Many sizes available to spray in a round, or circular type, spray pattern.

**Flat Tip:** Allows operators to configure the gun to spray a flat, or fan type, spray pattern.

**Wand Kit:** Extends the gun block so it is closer to the substrate, reducing overspray.

**Static Mixer:** 1" or 3" lengths available. For those difficult to mix chemical systems or lower pressure applications, our static mixer fits on the end of the GAP Pro gun to improve mix and control dispense flows.

**Auto Version:** The GAP Pro gun can be automatically triggered with a 24 volt actuating circuit for robotic or repetitive applications.

**Spare Parts Kit:** Stay prepared – Includes genuine Gusmer-etched spare parts, manufactured under the most stringent quality control specs in the industry.

- Cylinder rebuild kit
- Trigger rebuild kit
- Manual valve
- Socket head cap screws
- Screen screw seal
- Coupling block seal
- Check Valve
- Spring
- Screen 80 mesh



GAP with Flat Tip



GAP with Static Mixer



GAP Pro Mixing Chamber

**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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