



**POLYURETHANE  
MACHINERY  
CORPORATION**



# AP-1 AIR PURGE GUN

**AIR OPERATED SPRAY/POUR GUN FOR FOAM AND COATINGS**

- 360 Degree Rotational Head
- Quick Change Mixing Chamber
- Easy Access to Internal Parts
- Coupling Block
- One Piece Machined Mixing Chamber
- Heavy Duty One Piece Machined Gun Block
- Innovative Air Cap Design
- Bottom or Rear Air Hose Entry



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## SPRAY FOAM APPLICATIONS



# TECHNICAL DATA: PMC AP-1 AIR PURGE GUN

## Technical Data

	<i>PMC AP-1 Air Purge Gun</i>
Weight (Aluminum Block) _____	2.8 lbs
Weight (Steel Block) _____	3.5 lbs
Dimensions _____	8" (H) x 4" (W) x 7" (L)
Maximum Working Pressure _____	3,500 PSI
Maximum Air Pressure _____	125 PSI
Maximum Production (1:1 Ratio) _____	40 lbs/min
Minimum Production (1:1 Ratio) _____	3.3 lbs/min
Opening Force @ 110 PSI _____	200 lbs
Closing Force @ 110 PSI _____	200 lbs
Approx. Air Consumption @ 110 PSI _____	7 CFM

## STANDARD FEATURES

**The PMC AP-1 Air Purge Gun is "Designed with the Customer in Mind" to provide applicator friendly and serviceability at an economical price to meet today's market place demands.**

**360 Degree Rotational Head:** The Head or Gun Block can be easily set in two opposing directions which will facility hose entry from either the top or bottom of the gun. The hose orientation is strictly an operator preference. The AP-1 rotational ability gives the operator the ability to customize his hose entry to suit his needs and comfort.

**Quick Change Mixing Chamber:** The AP-1 mixing chamber can be easily removed from the front of the gun simply by removing the air cap and loosening the hex head bolt from the rear. The chamber easily slides out the front and a new chamber or one of a different size or pattern can be quickly re-installed.

**Easy Access to Internal Parts:** There is no need on the AP-1 gun to remove the coupling block to access the internal parts.

**One Piece Machined Mixing Chamber:** The mixing chambers for the AP-1 Gun are machined out of a solid piece of steel, hardened and then final ground to give a mirror like finish to accept the side seals. This one piece rugged construction prevents damage to the tip.

**Heavy Duty One Piece Machined Gun Block:** The Gun block on the AP-1 is offered in either aluminum or steel. Each is machined out of a solid piece of base material to minimize the amount of parts and O-rings used in the gun. The gun is shipped standard with the aluminum gun block and steel is offered as an option.

**Innovative Air Cap Design:** The Heavy duty air cap design not only provides purge air to keep the tip clean, its rugged design also provides added protection for the spray tip.

**Bottom or Rear Air Hose Entry:** To further satisfy the needs of the operator, the AP-1 gun is provided with a brass nipple to connect air through the handle of the gun. If the operator prefers a rear air hose entry you simply remove the nipple and replace it with a hole plug and attach the air hose fitting to the rear of the gun.

## OPTIONAL EQUIPMENT

*PMC Proportioners  
Recirculation Blocks*

*Material Transfer Pumps for 55 and 30 Gallon Drums  
Ratio Testing Tool*

*Heater Hoses  
Replaceable TSU Probe*