



**POLYURETHANE
MACHINERY
CORPORATION**

AP-3 Air Purge Gun

Air Purge Spray/Pour Gun for Foam and Coatings

- Economical, Lightweight, Compact Design
- Less Parts than Most Competitive Air Purge Guns
- Short Trigger Stroke Reduces Operator Fatigue
- Check Valves for Maximum Cross Over Protection
- Advanced Design for Pattern Development and Mixing
 - Separate Hardened Pattern Control Tip (PCT)
 - Adhesion Resistance Coating
 - Series of Air Passages to Reduce Material Buildup on the Spray Tip
 - Blaster Tip Designed to Spray a Stream Up to 15 feet (5 meters)
 - Pour Tip and Other Custom Configurations
 - Full Range of Round and Flat PCTs
- Simple Assembly and Disassembly
 - Material Seal and Filter Screen in a Single Assembly
- Easy and Very Economical to Maintain
- Optional Steel Gun Block
- CE Certified
- Comes Standard with Coupling Block
- Well Balanced Gun and Easy to Maneuver



Polyurethane Machinery Corporation • Lakewood, NJ, USA • 732-415-4400

Innovative Spray Technology Made Simple

www.polymacusa.com



Technical Data: PMC AP-3 Air Purge Gun

Weight (w/o coupling block) _____	2.4 lbs (1.1 kg)
Weight (w/coupling block) _____	3.1 lbs (1.4 kg)
Dimensions _____	7.5"l x 3.3"w x 6.6"h (19cm x 8.4cm x 17cm)
Maximum Working Pressure _____	3500 psi (240 bar) (24100 kPa)
Maximum Air Pressure _____	125 psi (8.6 bar) (860 kPa)
Maximum Production (1:1 Ratio) _____	50 lbs/min (22.7 kg/min)
Minimum Production (1:1 Ratio) _____	3.3 lbs/min (1.5 kg/min)

CE Certified

Standard Features

The pioneering design of the AP-2 has been further enhanced in the latest PMC AP-3 Air Purge Gun.

This economically priced gun weighing a mere 2.4 lbs (1.1 kg) is one of the lightest and smallest plural component spray guns on the market today.

The Chamber, PCT, Screen Screw Parts, Coupling Block and Check Valves are the same parts used in the PMC AP-2 Air Purge Gun.

The AP-3 has fewer parts than the leading competitor.

The traditional spool valve method of providing air to move the cylinder has been replaced with a one piece replaceable Cartridge Valve, eliminating the need for multiple O-rings.

The short trigger stroke reduces operator fatigue, especially in high triggering applications such as residential insulation. The short trigger stroke also allows precise detail shots that cause competitive guns to struggle.

Check valves not only protect against cross-over to the hoses, but PMC has also incorporated a separate check valve to protect the air passages of the gun.

The Advanced Pattern Development and Mixing is accomplished with the unique Chamber/PCT design which provides a multitude of spray pattern and mixing combinations. Chambers are available in all common and half sizes. The hardened PCT's are available in Round, Flat, Blaster and Pour Configurations.

Simple assembly and disassembly is accomplished by having fewer parts and requiring fewer tools to work on this gun.

PMC offers the AP-3 with an optional Steel Gun Block.

The AP-3 Air Purge Gun comes standard with a coupling block to provide the contractor with quick and clean removal of the gun from the proportioner hoses.

AP-3 Ordering Information

Part #	Description
201076	AP-3 W/000 Mix/PCT-Pkg
201077	AP-3 W/00 Mix/PCT-Pkg
201078	AP-3 W/00X Mix/PCT-Pkg
201079	AP-3 W/01 Mix/PCT-Pkg
201080	AP-3 W/01X Mix/PCT-Pkg
201081	AP-3 W/02 Mix/PCT-Pkg
201082	AP-3 W/02X Mix/PCT-Pkg
201083	AP-3 W/03 Mix/PCT-Pkg
201084	AP-3 W/04 Mix/PCT-Pkg
201085	AP-3 W/05 Mix/PCT-Pkg
201086	AP-3 W/00 Mix/Flat PCT-Pkg
201087	AP-3 W/01 Mix/Flat PCT-Pkg
201088	AP-3 W/00 Mix/PCT Steel-Pkg
201089	AP-3 W/01 Mix/PCT Steel-Pkg
201090	AP-3 W/01X Mix/PCT Steel-Pkg
201091	AP-3 W/02 Mix/PCT Steel-Pkg

Optional Equipment

- Stainless Steel Gun Whips
- Material Transfer Pumps for 55 and 30 Gallon Drums
- Heated Hoses
- Recirculation Blocks
- Coupling Block Adapters
- Ratio Testing Tool
- Replaceable TSU Probe