



**POLYURETHANE  
MACHINERY  
CORPORATION**

## ***AP-2 Air Purge Gun***

### **Air Purge Spray/Pour Gun for Foam and Coatings**

- Lightweight, Compact Design
- Short Trigger Stroke Reduces Operator Fatigue
- Check Valves for Maximum Gun Block Performance
- Purge Air Check Valve Prevents Chemical from Entering the Air Passages of the Gun
- Advanced Design for Pattern Development and Mixing
  - Separate Hardened Pattern Control Tip (PCT) with Adhesion Resistant Coating
  - A Series of Air Passages for Tip Blow-off
  - Full Range of Round and Flat PCTs
  - Pour Tip and Other Custom Configurations
  - Blaster Tip Designed to Spray a Stream Up to 15 feet (5 meters)
- Immediate Spray Pattern Development
- Ability to Mount Different Handle Configurations
- Simple Disassembly and Maintenance Access
- Adhesion Resistant Gun Finish
- Coupling Block

#### **POLYURETHANE MACHINERY CORPORATION**

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# Technical Data: PMC AP-2 Air Purge Gun

## Technical Data

	<i>PMC AP-2 Air Purge Gun</i>
Weight (w/o coupling block) _____	2.1 lbs (1.05 kg)
Weight (w/coupling block) _____	2.6 lbs (1.30 kg)
Dimensions _____	7.5" h x 3" w x 6.5" l (19cm x 7.6cm x 16.5cm)
Maximum Working Pressure _____	3500 psi (245 bar)
Maximum Air Pressure _____	125 psi (8.6 bar)
Maximum Production (1:1 Ratio) _____	50 lbs per minute (22.7 kg)
Minimum Production (1:1 Ratio) _____	3.3 lbs per minute (1.5 kg)

CE Certified

## Standard Features

**The pioneering, patent-pending technology behind the design of the AP-2 Spray Gun continues to demonstrate PMC's commitment to excellence in our products, our market and to our customers.**

**Lightweight Compact Design:** Weighing a mere 2.1 lbs (1.05 kg) (w/o coupling block), the compact AP-2 Spray Gun is nearly a half pound less than other air purge spray guns on the market.

**Short Trigger Stroke:** Reduces operator fatigue, develops an immediate spray pattern and makes the gun extremely responsive.

**Check Valves:** Prevent intrusion of foam or coatings into the pneumatically operated components of the gun in the event of a crossover.

**Advanced Pattern Development and Mixing:** The patent-pending chamber/PCT design provides a multitude of spray pattern and mixing combinations. The operator can easily change the size and configuration of the PCT from outside the gun without having to take the gun apart. PCTs available in Round, Flat, Blaster and Pour configurations.

**Ability to Mount Different Style Gun Handles:** The handle on the AP-2 is modular with a dove-tail mount. The handle can be removed and replaced with a custom designed handle, mounted to robotics or easily replaced if damaged.

**Adhesion Resistant Gun Finish:** The entire surface area of the AP-2 is coated with a special impregnated adhesion resistant block oxide coating that allows for easy removal of overspray buildup on the gun body.

**Coupling Block:** Provides the contractor with quick and clean removal of the gun from the proportioner hoses.

**Get the job done faster, more economically and with greater ease!**

**AP-2 Air Purge Gun disassembly:** <https://youtu.be/dfetUMTiKRg>

**AP-2 Air Purge Gun assembly:** <https://youtu.be/9hYpUXzbl5Y>

## Optional Equipment

Stainless Steel Gun Whips  
Recirculation Blocks

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

Heater Hoses  
Replaceable TSU Probe