



POLYURETHANE
MACHINERY
CORPORATION

AP-2 Air Purge Gun

Air Purge Spray/Pour Gun for Foam and Coatings

- Lightweight, Compact Design
- Less Parts than Most Competitive Air Purge Guns
- 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
 - Series of Air Passages to Reduce Material Buildup on the Spray Tip
 - Pour Tip and Other Custom Configurations
 - Blaster Tip Designed to Spray a Stream Up to 15 feet (5 meters)
 - Full Range of Round and Flat PCTs
- Immediate Spray Pattern Development
- Ability to Mount Different Handle Configurations
- Simple Disassembly and Maintenance Access
- Adhesion Resistant Gun Finish
- Comes Standard with Coupling Block



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

Innovative Spray Technology Made Simple

www.polymacusa.com



Technical Data: PMC AP-2 Air Purge Gun

Weight (w/o coupling block)	2.2 lbs (1.01 kg)
Weight (w/coupling block)	2.9 lbs (1.3 kg)
Dimensions	6.6"l x 3.3"w x 7.2"h (17cm x 8.4cm x 18cm)
Maximum Working Pressure	3500 psi (240 bar) (24100 kPa)
Maximum Air Pressure	125 psi (8.6 bar) (860 kPa)
Maximum Production (1:1 Ratio)	40 lbs/min (18.1 kg/min)
Minimum Production (1:1 Ratio)	3.3 lbs/min (1.5 kg/min)

CE Certified

Standard Features

The pioneering, patented 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 2.2 lbs (1.01 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 patented 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 to Robotic Equipment: The handle on the AP-2 is modular with a dove-tail mount. The handle can be removed and easily replaced if damaged or mounted to robotic equipment.

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>

AP-2 Ordering Information

Part #	Description
GU-AP-2-.01X-PK	AP-2 W/1.5 Mix, 1.5 RND PCT, PKG
GU-AP-2-000-PKG	AP-2 W/000 Mix, 000 RND PCT, PKG
GU-AP-2-00-FPKG	AP-2 W/00 Mix, Flat Tip PKG
GU-AP-2-00-PKG	AP-2 W/00 Mix, 00 RND PCT, PKG
GU-AP-2-01-FPKG	AP-2 W/01 Mix, Flat Tip PKG
GU-AP-2-01-PKG	AP-2 W/01 Mix, 01 RND PCT, PKG
GU-AP-2-02-PKG	AP-2 W/02 Mix, 02 RND PCT, PKG
GU-AP-2-02X-PK	AP-2 W/2.5 Mix, 2.5 RND PCT, PKG
GU-AP-2-03-PKG	AP-2 W/03 Mix, 03 RND PCT, PKG
GU-AP-2-04-PKG	AP-2 W/04 Mix, 04 RND PCT, PKG
GU-AP2S-00-PKG	AP-2 Steel Manifold, W/00 Mix
GU-AP2S-02-PKG	AP-2 Steel Manifold, W/2.0 Mix
GU-AP2S-1.5X-PK	AP-2 Steel Manifold, W/1.5 Mix
GU-AP2S-1-PKG	AP-2 Steel Manifold, W/1.0 Mix

Optional Equipment

Flat Spray
Blast Nozzle

Pour Nozzle
Coupling Block Adapters

Stainless Steel Gun Whips
Recirculation Blocks

Calibration/Bleed Tool