

# RAPIDSHOT<sup>TM</sup>

by hapco inc.



Handheld Cartridge Dispensing System

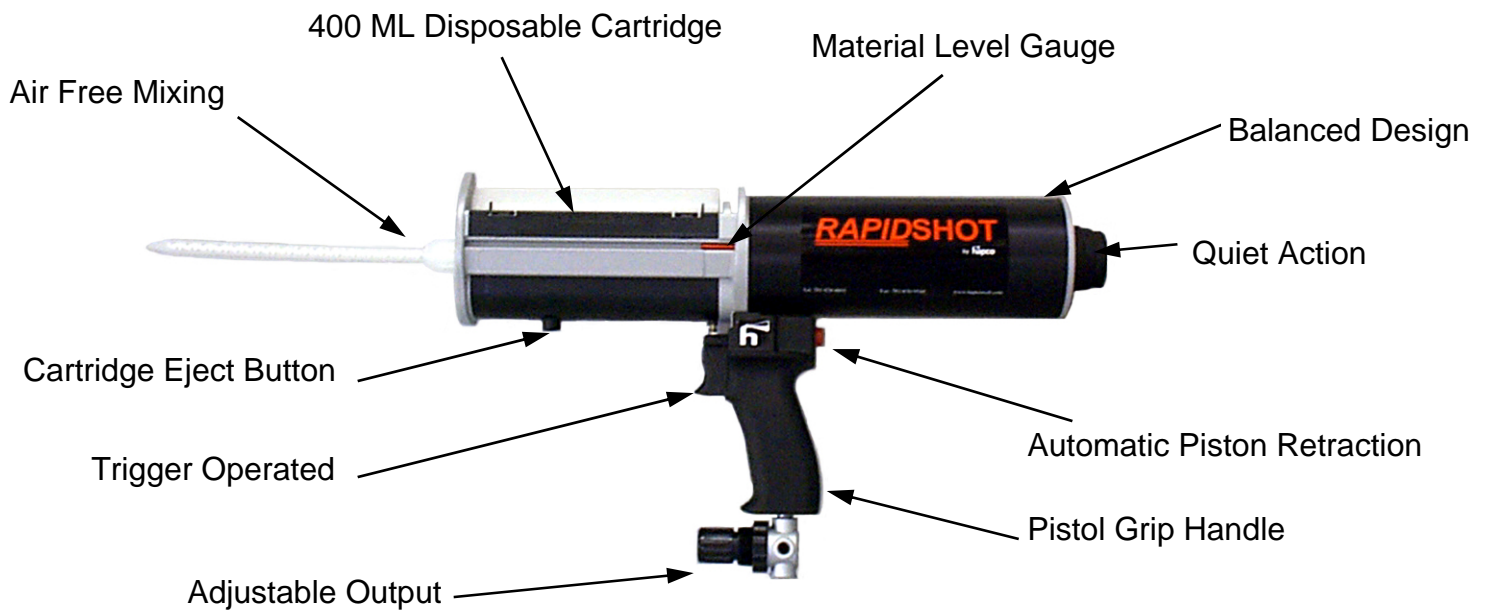
# RAPIDSHOT™

## Handheld Cartridge Dispensing System

RAPIDSHOT™ is a low cost, handheld, two component dispensing system specifically designed to dispense Hapco's products. RAPIDSHOT™ is reliable, easy to use, and is equipped with the following features:

### RAPIDSHOT™ Standard Features

- 400 ML Disposable Cartridges
- 2 Component
- 1:1, 2:1, 4:1, 10:1 Compatible
- Balanced Design
- Air Powered Piston Retraction
- Variable Output
- Disposable Mixers
- Cartridge Eject Button
- Trigger Operated
- Material Level Gauge



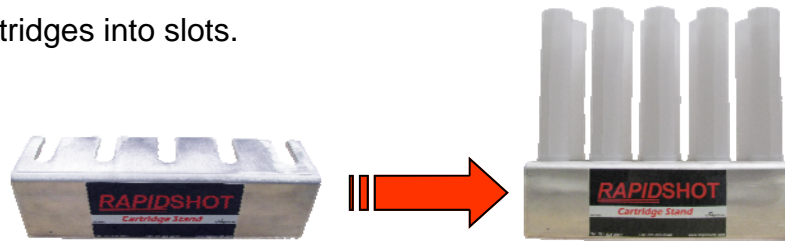
RAPIDSHOT™ comes with a complimentary cartridge filling stand for easy filling of cartridges. Crafted from aluminum, this handy device can hold up to 5 cartridges at a time.

# Filling RAPIDSHOT Cartridges

1. Secure the cartridge stand to a table using clamps or bolts.



2. Insert the cartridges into slots.



3. Squeeze the can or use a funnel to pour the A side. Leave enough space for the plunger.



4. Push the Shotpac Cartridge Plunger (SCP) into the cartridge until the plunger is below the top of the cartridge.



5. Push in the Cartridge Plunger Plug (SPP) into the plunger until bottomed. A hammer and dowel may be used to lightly tap the plug into place.



Open



Closed

\*Repeat steps 3-5 for the B side

# Using the RAPIDSHOT

1. Unscrew the Cartridge Retainer Nut (SCRN) while the cartridge is in the upright (vertical) position.

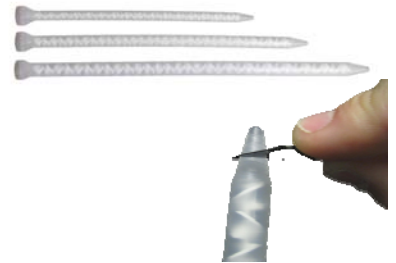


2. Disengage the metal Ejector Disc (SED) from end plug and remove retainer nut.



3. Choose the appropriate static mixer for your material.

\*NOTE: Flow can be increased by cutting the tip of the RAPIDSHOT mixer and creating larger openings.



4. Push an RS mixer onto the cartridge.



5. Slip the retainer nut over the RS mixer and tighten.



# Using the RAPIDSHOT

6. Snap the loaded Shotpac assembly into RAPIDSHOT gun until it locks.



7. Attach the air supply. (gun will not exceed 73 PSI)



8. Aim the RAPIDSHOT gun almost vertical into a waste container. (Safety glasses should be worn) Press the trigger and shoot for a few seconds to eliminate air.



9. Adjust flow with air adjustment located at the base of the Handle. (gun will not exceed 73 PSI)



10. Aim and press trigger to dispense material. Let go of trigger to stop.



# How To Order



**For 1:1, 2:1 and 4:1 Mix Ratios by Volume**

**RAPIDSHOT Gun Assembly #RGA 11/21/41:**

Includes:

- 1 RAPIDSHOT gun RSG4
- 3 Shotpac Kits\* (buyer's choice)
- 12 RSM6 Mixers
- 12 RSM8 Mixers
- 12 RSM10 Mixers
- 12 RSM8SQ mixers
- 1 Cartridge Filling Stand
- 1 RAPIDSHOT Color Users Guide
- 1 4:1 Conversion Kit

All RAPIDSHOT "Shotpac" components are sold in kits called Shotpac Kits. Each Shotpac kit contains all components necessary to assemble 12 complete cartridges not including the RS mixers. RS mixers are sold separately by size in 12 packs.

## **Buyer's Choice!**

In the RAPIDSHOT starter pack, pick 3 Shotpac Kits of any size.

**Shotpac Kit Choices:**

- SK11 - 1:1 Ratio
- SK21 - 2:1 Ratio
- SK41 - 4:1 Ratio

**Mixer Sizes: (12 per bag)**

- RSM6 - 6mm diameter
- RSM8 - 8mm diameter
- RSM10 - 10mm diameter
- RSM8SQ - 8mm Square

# **RAPIDSHOT**<sup>™</sup>

*Handheld Cartridge Dispensing System*

**RAPIDSHOT**<sup>™</sup> uses convenient disposable plastic cartridges and disposable **RAPIDSHOT** mixers.

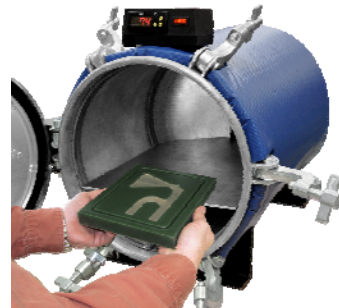
**RAPIDSHOT**<sup>™</sup> cartridges are easily filled using the proprietary cartridge stand. Partially used cartridges can be easily resealed, stored, and used in the future.

**RAPIDSHOT**<sup>™</sup> is ideal for Liquid Molders looking to:

- Use fast systems
- Eliminate hand mixing and proportioning
- Dispense quickly while minimizing mess.

**RAPIDSHOT**<sup>™</sup> is a perfect companion to the X-11 Molding Chamber for:

- Trying the concept of metering and dispensing at a low cost.
- Short runs with faster cycle times.
- Creating air free castings every time.



**Materials + Equipment + Know-how = The Solution**

**MAKE HAPCO'S SYSTEM  
YOUR SOLUTION!**



**hapco inc.**  
*polymer alloy specialists*

---

*353 Circuit Street ♦ Hanover, Massachusetts 02339*

*Phone: 781-826-8801 ♦ Fax: 781-826-9544 ♦ Toll Free: 877 SAY HAPCO (729-4272)*

*Email: [info@hapcoweb.com](mailto:info@hapcoweb.com) ♦ Website: [www.hapcoweb.com](http://www.hapcoweb.com)*