

RAPIDFIL™

by hapco inc.

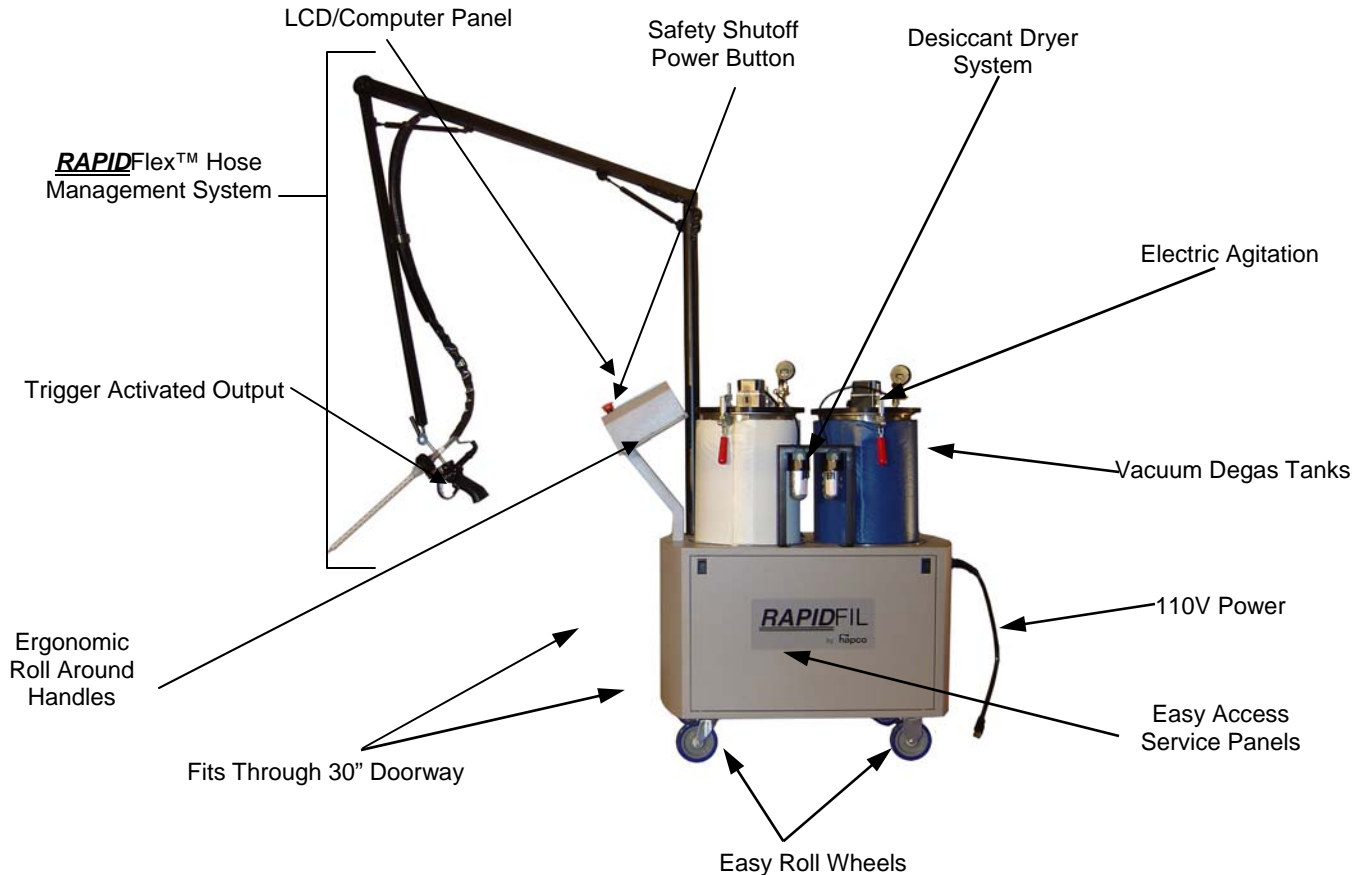


“No Measuring, No Mixing, No Mess!”

RAPIDFIL™

LCD computer controlled, 2 component, portable, dispensing equipment

RAPIDFIL C Series is a portable, LCD computer controlled, two component dispensing machine specifically designed to dispense Hapco's products. RAPIDFIL is reliable and easy to use!



RAPIDFIL C Standard Features

- LCD/Computer Controls
- 6 Gallon Vacuum Stainless Steel Tanks
- Diagnostic System
- 2 Component
- Tank Thermostats
- 110 V Power
- Variable Output to 1 gallon/min.
- Electric Agitation
- Vacuum Degas Tanks
- RAPIDFlex™ Hose Mgt. System
- Disposable Mixers
- Desiccant Dryer System
- Color Coded Insulated Tanks
- Tank Site Gages
- LED Function Indicator Lights
- Automatic purge
- Shot Timing
- Insulated Tanks with Proportional Controls

RAPIDFIL C Optional Features

- 12 Gallon Stainless Steel Tanks
- 12' Heated Hoses
- Foot Pedal Activation
- (HHMP) Hose & Head Mounting Packages
- Pneumatic Snuff Back Head
- Clear Acrylic Tank Covers

(Shown with standard specifications. See Standard & Option Packages for more details.)

RAPIDFIL

~ standard specifications ~



Dispensing Gun

Portable

Fits through a 30" doorway. Easily brought to the job!

Drive System

A belt driven, drive system for continuous, smooth, quiet operation.

Dispensing Gun

Trigger operated with a safety feature.

Digital Variable output

Program material output up to 1 gallon/minute.

Electric Tank Agitators

Keep the material mixed and prevents pigments or fillers from settling out.

Desiccant Dryer System

The Desiccant Dryer System prevents moisture from entering the tanks.

RAPIDFlex™ Hose Mgt. System

RapidFlex™ keeps the hose out of the user's way, yet still moves fluidly until locked into place.

Individual Fluid Meters and Thermometers

Check material level and temperature from the outside.

Stainless Steel Vacuum Tanks

Each tank is made of stainless steel and color coded with blue and white insulation.

LCD / Computer Panel

Pre-programmed and easy to use. Controls output speed, shot timer, tank mixers, purge time, and tank temperature.

Disposable mixers

No flushing or cleaning.

110V power

Operates on 110V 20 amp power and has a three prong power cord.



Portable



Desiccant Dryer System



LCD Control Panel



Ergonomic Hose Mgt.



Tank Agitation



Disposable Mixers



Tank Sight Gauges



110V Power



Belt Drive System

RAPIDFIL

~ detailed specifications ~



Dispensing Gun & Hose Management System

The dispensing gun features a comfortable and easy to use design. All mixing is external for quick and easy maintenance, with 2 liquid hoses and an electrical harness on the inbound side (the feed side). On the outbound side (nozzle side) there is a threaded protrusion and 2 output ports. The trigger of the gun is equipped with a safety lock. The gun and hose are supported by a flexible counter balance system which can be floor or machine mounted. This arm can move in virtually any direction and can reach molds up to 7 feet away.

Vacuum Degas Tanks

- 6 gallon vacuum stainless steel tanks for parts A & B
- Combines production grade vacuum, heat, and agitation for quick and efficient degassing of materials.
- Color coded and fully insulated with a nylon reinforced vinyl covering.
- Individual fluid meters and thermometers.
- Separate dessicant dryer system for each tank.



Vacuum Degas Tanks



Access Panels

Access Panels

RAPIDFIL has two easy access service panels, one on each side. One side is drive system access and the other is the tank shutoff and drain valve access. The drive system is belt driven for continuous, smooth, quiet operation. The ratio is determined by the size of the sprockets on each side. Each tank has a main shut off valve and a 1/4 turn ball valve with a drain hose for draining the tanks.



Drive System



Valves and Shutoffs

RAPIDFIL

~ Control Panel Features ~



LCD / Computer Controlled Main Control Panel

Pre-programmed, easy to use, LCD / computer controlled, main control panel.
Controls output speed, shot timer, tank mixers, purge time, and tank temperature.



Variable Output

This controls the output speed / volume of material. The digital output range is 0 - 120 Hz. Normal operation is 0 - 80 Hz .



Automatic Shot Timer

Controls the shot size by time (seconds/minutes). Each time the trigger is pressed, the same shot size is dispensed.



Programmable Tank Temperature Control (NEW)

Individual user controlled heat temperature settings for Part A and Part B tanks with (4) programmable auto on/off schedule periods per day. Temperature is displayed in degrees Fahrenheit.



Tank Agitation

Individual Part A and Part B agitation controls. Runs on electric motors for smooth, quiet operation.



Shot Recipes (NEW)

Program up to 4 pre-set recipes that include: Heat, agitation, speed, shot time, and purge time settings.

RAPIDFIL

~ optional packages ~

Hose Management Packages

Option 1 - Floor Mount RAPIDFlex™

- The work is brought to the machine.
- For medium - high production

Option 2 - Machine Mount RAPIDFlex™

- The Machine is brought to the work.
- For low production, molds, etc.



Floor Mounted Model



Machine Mounted Model

*Both models available with heated hose and snuff back options.

Tank Packages

12 Gallon SS Tank Package

- 12 gallon stainless steel tanks for Part A, Part B, or both Parts A and B.



(2) 12 gallon tanks



(1) 12 gallon tank
(1) 6 gallon tank

Clear Acrylic Tank Covers

- Combines production grade vacuum, heat (if necessary), and agitation for quick and efficient degassing of materials.



Clear Vacuum Tank

Accessories

Heated Hose Package

- Heated and insulated hoses for parts A & B
- Individual temperature controllers for parts A & B



Heated Hose

Foot Pedal Activation

- Foot pedal actuator
- Depress the foot pedal to start dispensing and release to stop the flow



Foot Pedal



Pneumatic Snuff Back Head

Pneumatic Snuff Back Gun

- Precise, pulseless, repeatable flow
- Minimizes drips

"RAPIDFIL[™] is the only full featured meter mix dispense equipment designed and manufactured for your application by the material people, **Hapco."**

Current applications of RAPIDFIL[™] include:

- **LIQUID MOLDING**
Plastic and rubber parts
Ideal for 1-10,000 parts
- **TOOLING**
Molds, dies, fixtures
Foundry patterns and core boxes
- **FILTRATION**
Adhesives and potting compounds for:
gasketing, spiral filters, cassette filters,
hollow fiber filters, and many more!
- **ELECTRICAL INSULATION**
Potting and encapsulating
Structural adhesives
Coatings

Plus many more!

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RAPIDFIL[™] is designed and manufactured to dispense Hapco materials.

"Contact Hapco's System Specialists, choose a:



HAPFLEX[™]
ULTRALLOY[™]
ULTRACLEAR[™]
STERALLOY[™]
TUFFALLOY[™]
CASTALLOY[™]
S-RIM[™]
DI-PAK[™]
HAPREZ[™]
FILTERBOND[™]

GIVE IT A SHOT! and you are ready to go!"

materials + equipment + know-how = the Solution
MAKE HAPCO'S SYSTEM
YOUR SOLUTION!