

## Big MO™

***Leak-proof silver recovery cartridge for ALL small to medium volume labs.***

Big MO works with ALL cartridge recovery systems, offering universal compatibility with our easy connect adapter kits. Designed for small to medium volume labs, BIG MO can bring compliance to all but the very largest PRO labs.

The Big MO is the first cartridge of its kind, incorporating the proven RePAC® 250 cartridge design in a high yield, self contained, leak-proof cartridge. This revolutionary silver recovery cartridge can out-perform every other cartridge of its size on the market today!

More iron inside the cartridge means more money in your pocket. Big MO is filled to the brim with our special brand of iron. Pound for pound, BIG MO recovers more silver.

### ***Features and Benefits***

- Universal metering system compatibility
- Self-sealing quick disconnect fittings
- Leak-proof case design
- Low shipping cost
- Single use design
- Non-hazardous UPS shipping



[www.cpacequipment.com](http://www.cpacequipment.com)

# RePAC® Cartridge Technical Data

When used according to manufacturers recommendations, RePAC cartridges consistently reduce silver concentrations in photo processing solutions to 1.0 part per million (1.0 mg/l) or less. RePAC cartridges incorporate a unique, porous, iron-filled design that is resistant to the corrosive effects of photographic solutions and prevents channeling.

Processed solutions can be safely discharged directly from RePAC cartridges into most municipal sewer systems with no further pretreatment. Note: Check with your local sewer authorities for specific discharge limits.

Cartridges & Cores *	Gallon Capacity(1)	Flow Rate(2)	Silver Capacity(1)	Dimensions	Shipping Weight
RePAC 250	Over 600**	100 ml/min.	Up to 250 Troy oz.	9" dia. x 19"H	18 lbs.
RePAC 500	Over 900	150 ml/min.	Up to 400 Troy oz.	9" dia. x 29"H	32 lbs.
RePAC 1000	Over 2500	200 ml/min.	Up to 600 Troy oz.	11" dia. x 33"H	55 lbs.
RePAC 2000	Over 4500	500 - 700 ml/min.	Up to 800 Troy oz.	13" dia. x 50"H	140 lbs.

\* RePAC cores are available in other sizes. Call **800-934-9234** for more information.

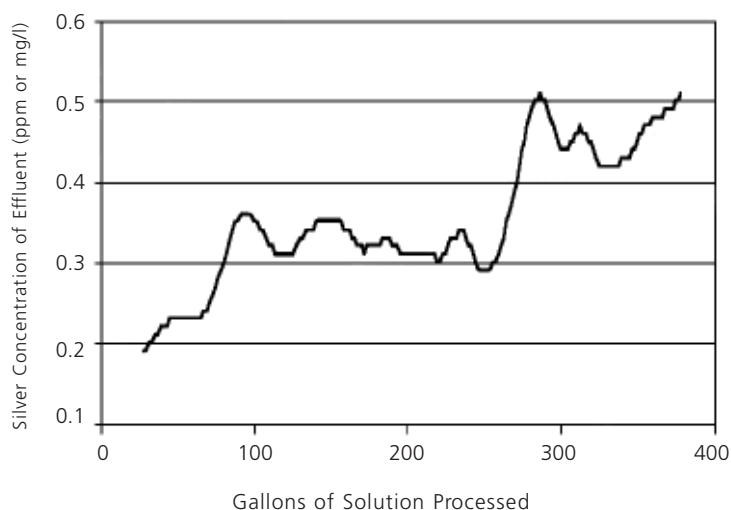
\*\* The local POTW determines discharge limit and impacts the total number of gallons treated.

- <sup>1</sup> Combined silver-bearing waste from an amateur or professional lab containing 2.0 g/l silver. Capacity performance will depend on silver concentration, flow rate, solutions composition, and pH (which must be below 7.5) Silver results vary based on potential silver in the total volume treated.
- <sup>2</sup> RePAC 2000 is recommended for wash water applications or high volume labs for secondary treatment. Wash water flow rate varies from 2-3 gallons/minute. Preliminary gallon and silver capacity test results shown for RePAC 250.

## Technical Notes:

- For consistently high silver yields, pre-fill cartridges with water and blend fixers, bleach-fix, and stabilizers. Maintain a pH below 7.5. Do not allow cartridges to drain or dry out while in use.
- RePAC cartridges should be used two in a series for primary or secondary silver recovery.
- For best results, maintain the flow rate using a calibrated metering pump. PRS recommends the **Mini Environmental Treatment System (METS™)**.
- Be sure to use a pressure relief valve with every cartridge system. PRS Part No. 702196 is recommended.
- Optional comingling tank is recommended to collect iron hydroxide and reduce drain clogging.

### RePAC 250 Cartridge Performance Chart\*



\* At a flow rate of 100ml/min. with two cartridges in a series, based on average minilab effluent containing 2.0 g/liter of silver, at a pH of 7.8 or less.

**For technical assistance or refining information call 800-934-9234**

