

Vial Crushing & Liquid Disposal



A Vyleater Will

- Reduce overall waste volume
- Cut disposal cost
- Reclaim lost product
- Render containers unrecognizable
- Lower labor costs
- Protect workers from exposure
- Minimize ergonomic concerns
- Shrink liability exposure
- Free up storage facilities

Automatically opening, crushing, emptying and separating the liquid contents of small vials from the vial itself, the Vyleater can greatly reduce the overall cost of laboratory waste and product destruction.

Separating automatically, the Vyleater will send plastic, glass or metal vial fragments to one destination while what used to be inside...goes to another. This dramatically reduces the cost of waste disposal by reducing the overall volume of the waste. The need for personnel to pry tops off bottles and empty the contents by hand is totally eliminated.

Risk reduction is very important. For example, diagnostic labs use the Vyleater to safely and quickly destroy cytology & histology vials with lower exposure to the chemicals. Plus the Vyleater helps these labs comply with the latest patient privacy requirements.

Drug testing laboratories use the Vyleater to perform a job no one wants to do...by having the machine open, empty, wash, deodorize and bag urine specimens while automatically sewerage the contents.

Content recovery to pharmaceutical & cosmetic companies means complete container destruction and content control. Because the obliteration is complete, nothing ever finds itself back into circulation.

Custom machines have been built to resolve problems when dealing with applications from radioactive specimens to volatile solvents. The basic Vyleater configurations on the reverse side are your starting point for choosing the machine that meets your needs.



S & G Enterprises, Inc.
N115 W19000 Edison Dr.
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Tel: (262) 251-8300
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www.vyleater.com

Two of the best ways to recapture contents from containers

The Standard Vyleater is the perfect solution for the research or production operations that generate glass containers requiring destruction and separation.

The heart of the Standard Vyleater is a custom built S&G roll crusher. This powerful device is adjustable to accommodate glass and brittle plastic vials from an ampoule to a 100ml bottle, with plastic or metal caps. After shattering the container, the vial fragments and its contents fall onto a vibrating conveyor for automatic separation and collection. The totally enclosed stainless steel conveyor discharges vial fragments from one end while liquid exits from the other. When it comes to simplicity and economy, there is no other machine that can separate bottles from contents as fast and easily as the Vyleater.

The Enhanced Vyleater is designed to handle pliable and brittle plastic containers. From the outside it looks just like the Standard Vyleater, but it is significantly different inside. That is because the Enhanced machine uses an almost silent, powerful, high-torque/low-speed shredder. Plastic vials are converted to an unrecognizable mulch made up of 2"x-inch squares.

A variety of vials from one quarter to two inches in diameter with metal, plastic or ornamental tops can be destroyed with ease. It doesn't matter what they are made of – the Enhanced Vyleater will take it in.



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Vyleater Users

- Diagnostics labs: Cytology vials (methanol); Histology vials (Formalin)
- Diagnostic Product Mfrs.: rejected anaerobic culture specimens
- Medical Research labs: Liquid Scintillation Vials (radioactive solvents)
- Pharmaceutical manufacturers: expired medicines of all kinds
- Environmental labs: groundwater specimen disposal
- Petro-chemical manufacturer: quality control samples (lubricating oils)
- Hand tool manufacturer: level vials (mineral spirits)

Basic Vyleater Specifications

- Stainless steel contact surfaces
- Heavy-duty all-steel frame
- Mechanical interlock prevents access to shredder
- Simple 3-button control
- Built-in blower for direct exhaust of vapors or odors
- Easy to remove/replace separating screens

Specifications		
U.S.		Metric
73 to 83 inches	Adjustable Height	185.5 cm to 210.8 cm
28 inches	Overall Depth	72 cm
63 inches	Overall Length	160 cm
250 CFM/4-in. outlet	Exhaust Blower	425 CMH/10.2 cm outlet
3-HP	Crusher/Shredder Motor	2.25 kW
1/3-HP	Blower/Conveyor Motor	.25 kW
3ph/60hz/208-230/460	Power Required	3-phase, 50hz available
1300 pounds	Ship Weight – Standard	576 kg
1600 pounds	Ship Weight – Enhanced	710 kg

Customize your Vyleater with:

- Internal wash system for rinsing, neutralizing, thinning or sanitizing
- Explosion-proof electrical systems for safe work with hazardous chemicals
- Automatic input conveyors for high-volume vial loading
- Liquid waste discharge directly to a sewer or pipe line
- HEPA/charcoal vapor filtration
- Mobile platform for portability
- Adjustable height settings for a variety of collection choices



CALL 1-866-VYLEATER