

**MEDIAWISE<sup>®</sup> RACKMOUNT V-SPIKE SSD DESTROYER (MVR-V-SSD)**

**First and Only Commercially Available  
Rack-Mountable Destroyer**

**ACCEPTABLE MEDIA**



SSD



SSD  
Enterprise



USB/Flash  
Drive



Cell/Smart  
Phone



DVD



Circuit Boards



## COMBINES PHYSICAL DESTRUCTION WITH PHISTON'S V-SPIKE TECHNOLOGY!

The MediaVise® Rackmount V-Spike SSD Destroyer is the first and only commercially available SSD Destroyer that can be installed in a server rack!

The MVR-V-SSD combines physical destruction with Phiston's V-Spike technology into SSD electronic components. The device has specially designed plates with interlocking pyramidal teeth that puncture, crush, and demolish every square inch of media.

Our proprietary hydraulic crushing system delivers 20 tons of destructive force, which crushes and punctures both sides of the drive in less than 30 seconds. Simultaneously, pulsed electrical jolts are injected into the drive to disable all sensitive components.

With the convenience and peace of mind of having full chain of custody, the MVR-V-SSD is your safe, easy-to-use, and most comprehensive SSD destruction solution!



As technology and data storage mediums have continued to evolve at a groundbreaking speed, so has the need to advance end-of-life data destruction methods. Phiston Technologies is the leader in end-of-life media destruction, and each product is designed with your needs in mind.

The MediaVise® Rackmount V-Spike SSD Destroyer can securely destroy SSDs, Enterprise SSDs, smartphones, circuit boards, USB & flash drives, and CD/DVD/Blue Ray. It is CE/EU listed.

Phiston MVR-V-SSD can be factory installed and shipped in a Mobile Rack while only using nine rack units. All mounting and installation hardware is included!

The destroyer has a lifecycle of 50,000 usages without blades that need to be replaced or sharpened. Our proprietary hydraulic crushing system is fitted with an array of 187 interlocking steel teeth.

The MVR-V-SSD does not simply crush or bend the SSDs; it punctures and destroys all the ceramic memory chips on the drives while concurrently injecting an electrical jolt into the drive components to ensure the data is 100% unrecoverable. Media throughput is 2 per cycle or 240 SSDs per hour.

The destruction process is entirely automatic and designed for user safety. The system requires no adapters. Simply insert the drive and press the crush button to begin the destruction process.

## BUILT-IN ENVIRONMENTAL HEALTH AND SAFETY

- Built-in Worker and Environmental Health and Safety features.
- HEPA Filtration system traps any potentially harmful airborne particulates from destroying circuit boards, electronic components, and silicon-based memory chips and meets MVR8 air-quality standards.
- RFI and EMI Suppression to minimize interference with other electronic equipment in the vicinity.
- Noise suppression to less than 80db is much quieter than the 85db threshold acceptable to OSHA for the workplace.

## KEY FEATURES AND BENEFITS

- Media destruction can be performed in-house, so media never leaves your custody intact or entrusted to a contractor.
- When mounted on a rack, the MVR-V-SSD is a mobile destruction solution.
- Fully automated, 2-step, hands-off operation for user safety.
- Debris is ejected directly into an enclosed collection bin which holds up to 80 SSDs.
- Locked, secure debris collection drawer can only be opened by an authorized operator with an access code.
- No special adapters are needed for power or for crushing various media.
- Blades never need to be sharpened or replaced.
- A compact and portable SSD destroyer, the MVR-V-SSD has a footprint of only 22.5" x 9.75" and is 16" tall (not including rack).



## TECHNICAL SPECIFICATIONS

Dimensions	16" x 28" x 19" (41 cm x 72 cm x 48 cm) (H x L x W) Occupies 9 EIA standard rack unit spaces (9RU)
Weight (excludes packing and crating)	160 lbs. (72 kg) – 110-volt model   180 lbs. (82 kg) – 220-volt model
Shipping Weight (includes packing, crating, and pallet)	200 lbs. (91 kg) – 110-volt model   220 lbs. (100 kg) – 220-volt model
Shipping Dimensions	21.25" x 23.25" x 32.5" (54 cm x 60 cm x 83 cm) (H x L x W)
Power Requirements (voltage/frequency/current)	<b>See the label on the left side of your machine for specific factory settings</b> 220 Volts A.C. ±10%, 50/60 Hz, 7.5 Amps   110 Volts A.C. ±10%, 50/60 Hz, 15 Amps Factory configured for any international power supplies.
Power Cord Included	Length: 6 ft. (183 cm), 2 Pole-3 wire grounding: C13/C14 three-prong ground (IEC 60320) or equivalent global-region standard per request.
Ambient Operating Temperature	40 - 100 °F (4 – 37.8°C)
Media Sanitization Modality	Phiston's MediaVise 20-ton force hydraulic crushing platform combined with 24V power applied to its semiconductor junction. Patented corrugated interlocking crushing plates with an electrical jolt of power destroy circuit boards and SSDs.
Acceptable Media	(5.75" x 4" x 1.25" max media size) SSD, Enterprise SSD, USB/Flash drive, Smart Phone/PDA, CD/DVD/Blu-Ray, and Circuit Boards.
Media Sanitization Throughput	30 seconds. Debris falls into the debris bin. No need to clean the machine after each use. (120 Drives per hour)
Deployment/ Transportability	Rack mounted on retractable slide tracks in EIA standard server rack. Uses 9RU. Commercial grade, portable SSD destroyer that is safe for deployment in offices, data centers, or on a truck.
Machine Control/ Monitoring	Fully automated, hands-on operation for user safety.
Media Feeding	Gravity-assisted, top-loaded manual feed port for inserting one device at a time. 5.75" x 1.25" x 4" (15 cm x 3 cm x 10 cm) (H x L x W)
Debris Collection	Debris drawers can only be opened by an authorized operator with a key or by entering a 4-digit access code for the optional electronic lock and keypad. Debris is ejected directly into included collection bin which holds up to 100 destroyed computer SSDs. The window in the drawer allows inspection of debris.
Jam/Unjam	Manual unjam.
Safety	Completely automatic, hands-off operation. Won't operate if the lock-out door is not completely closed, preventing hands or pieces of clothing from being carelessly caught in the crushing chamber. The user never has to touch potentially dangerous debris. HEPA Filtration to meet MRV8 air quality standards.
Maintenance/ Longevity	Crushing plates never need replacing. 50,000 cycles MTBF.
Technical Support	On-call technical support service department; nationwide and international technical support teams can be deployed for repairs or maintenance.
Compliance	Global Safety and EMC Standards, Global Environmental Requirements, GMA, NIOSH, and OSHA workplace compliance. HEPA filtration meets MRV8 air quality standard.