

# V890

## High Volume, High Speed VHS Degausser



### V890

The V890 has been designed by Verity Systems to provide VHS duplicators with an effective high speed conveyor solution to erasing needs.

For increased production capability, the V890 has been designed with a 7.5" wide belt, enabling VHS cassettes to be erased sideways thus increasing throughput by a massive 1.8 times.

With a conveyor belt of 12ips this gives an impressive throughput of over 10,000 VHS cassettes per hour. The cassettes are placed onto the moving conveyor belt and carried over two degaussing coils which are oriented at 90 degrees to one another in a 'V' formation.

Thermal detection units continuously monitor each degaussing coil turning on the cooling fans to ensure the correct operating temperature for continuous operation 24 hours a day.

### Features:

- Throughput of up to 10,000 tapes per hour
- Continuous operation
- Wide belt
- Single pass erasure
- Powerful dual "v" configured coils



### Who uses the V890 Degausser?

- CCTV
- Broadcast/AV
- IT Departments

The V890 is manufactured by Verity Systems.

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**With over 25 years of experience, Verity Systems is recognized as the world leading manufacturer of degaussers.**



### SPECIFICATIONS

<b>Media Handling:</b>	<b>Cassettes:</b> VHS, Beta, Compact cassettes, Scotchcart, DAT, 8mm, S-VHS (2 pass), U-Matic (2 pass), U-Matic SP (2 pass). <b>Cartridges:</b> 3480 and 3490 , TK50, TK70, QIC 300/600, QIC 1000/2000
<b>Power Supply:</b>	220 ~ 250V AC 50Hz 208 ~ 220V AC 60Hz / 115v 60Hz
<b>Current Rating:</b>	10 amps typical 5 amps typical / 10 amps typical
<b>Degaussing Force:</b>	2800 peak gauss
<b>Erase Depth:</b>	-80db on VHS
<b>Belt Speed:</b>	50Hz 10ips 60Hz 12ips
<b>Belt Width:</b>	7.5" (190.5mm)
<b>Duty Cycle:</b>	Continuous
<b>Dimensions (WxHxD):</b>	15.6" x 7" x 40.2" 395mm x 177mm x 1021mm
<b>Weight:</b>	220lbs (100kg)
<b>Throughput:</b>	10,000 VHS per hour (60Hz) typical
<b>Controls:</b>	On/Off
<b>Warranty:</b>	12 months back to base, all parts & labor included Extended warranties also available

### What is Degaussing?

A degausser is a fast, efficient way to remove all audio, video and data signals from magnetic storage media.

The process of degaussing is achieved by passing magnetic media through a powerful magnetic field to rearrange the polarity of the particles, thus completely removing any resemblance of the previously recorded signal.

### Why is Degaussing Important?

In the manufacture of magnetic media one of the last production processes is for all magnetic media to be degaussed. This ensures that all the particles are orientated completely at random leaving the media free of any spurious signals.

By degaussing magnetic media before re-using you are returning it to its original condition with all the particles orientated at random.

### Who Needs a Degausser?

Anybody who uses magnetic media will benefit from the use of a degausser.

Broadcast and manufacturing industries have been using degaussers for many years but this does not exclude them from being potential customers .

As they strive for better recording quality and better packing densities new higher energy recording formats are introduced and more powerful degaussers are needed to erase these new formats.

The computer and security industry is the biggest growth area, reducing media overheads, security of information are areas benefiting the computer user.

