

# **TapeChek VT Cassette Series**

Professional Evaluator/Cleaners  
Inspect, Clean and Maintain Your Videotapes . . .



*Available for:  
3/4" U-matic, 1/2" VHS/M  
1/2" Beta/Betacam*

**AUTOMATIC!** Select mode, insert cassette and push AUTO. Requires no operator attention from start to finish.

**THOROUGH!** Detects and counts physical defects in CONTROL, VIDEO, AUDIO track areas and oxide VOIDS. Defect channels have individual displays and sensitivity controls . . . plus a TOTAL DEFECT counter. Also provides date, tape number and length displays.

**MAXIMIZES PERFORMANCE!** Precision sapphire burnishing system polishes the oxide and improves S/N ratio. Reduces temporary dropouts by up to 90% . . . for blank *and* prerecorded tapes.

**REMOVES DIRT AND DEBRIS!** Tape cleaning function works as videotape is inspected, with gentle automatically-advancing wiping tissues that remove loose particles from tape surface. Protects video heads.

**FAST!** Operates at up to 30 times standard play speed in both forward and reverse.

**COST EFFECTIVE!** Pays for itself quickly, as you save thousands of dollars by recycling tapes and avoiding tape failures.

**TapeChek™** VT Series Evaluator/Cleaners  
Make Your Tapes Record and Play Better



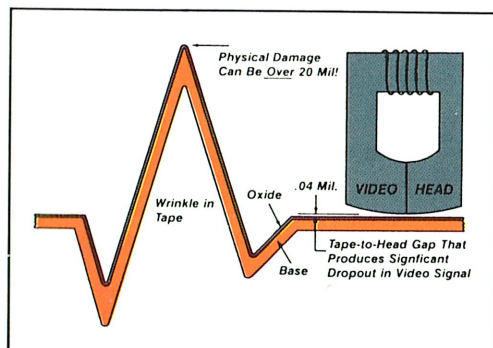
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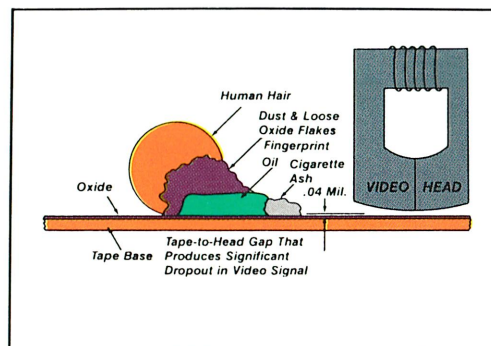
\*After November 11, 1989, our area code will be 708.



## IDENTIFY DAMAGED TAPE THAT CAUSES PICTURE BREAKUP



## REMOVE LOOSE OXIDE, DIRT, DUST AND CONTAMINATION THAT CAUSES DROPOUTS



### Features:

- Microcomputer controlled electronics, tape transport, data collection, displays...and a digital diagnostic system that monitors important machine functions.
- Microprocessor controlled, direct drive dual-motor tape drive system that ensures proper tape tension and gentle handling.
- Defect detection and cleaning are performed during rewind — saves up to 50% running time — no need to rewind before evaluation.
- Modular construction and design affords easy access and service.
- Stop-on-defect function permits visual inspection of tape damage.
- Multi-channel opto-electronic scanning system permits evaluation of blank and recorded tapes without affecting pre-recorded information.
- Erase option provides complete full width erasure while cleaning. Front panel selectable by operator.
- Optional hard copy printer provides comprehensive report of tape's condition and locations of all defects.

### TapeChek VT Series Models Available for the Most Common Cassette Formats:

3/4" U-Matic ..... VT3100  
1/2" VHS/M ..... VT2100  
1/2" Beta ..... VT1100  
1/2" Betacam ..... VT1100BC

### Specifications:

**TAPE SPEED:** Up to 30X standard play speed. 94 ips. for U-Matic, 40 ips. for 1/2" VHS or Beta

**LED DISPLAYS:** Four separate displays: Control Track; Video; Sound; Voids; plus Total Display and Run Time Display.

**BURNISHING SYSTEM:** Precision dual edge sapphire burnishing post.

**CLEANING SYSTEM:** Dual specially formulated lint-free cleaning tissues automatically advance. Cleans both sides of tape.

**DETECTION SYSTEM:** Multi-channel opto/electronic damage detection system. Does not affect recorded signals.

**DETECTION CALIBRATION:** Sensitivity readouts on front panel LED displays.

#### OPERATOR CONTROLS:

**STOP**—Stops all tape motion through the machine.

**AUTO**—Allows unattended evaluation and cleaning of tape.

**FORWARD**—Runs tape fast forward. Tape automatically stops at end.

**EJECT**—Initiates cassette ejection cycle.

**CLEAN**—Selects cleaning and burnishing function.

**ERASE**—Selects erase function. Keyboard interlock sequence prevents accidental tape erasure.

**STOP-ON-DEFECT**—Videotape is stopped whenever a defect is sensed.

**RESET**—Clears all data from digital memory.

**NUMERIC KEYPAD**—Permits numeric entry of data such as date and tape number. Also selects printout formats.

**TAPE NUMBER**—Permits numeric entry of tape number that appears on printed reports.

**DATE**—Allows the day's date to be printed on reports.

**PRINT**—Activates optional printer for hard copy reports.

**ELECTRONICS:** All solid-state circuitry, including 8085 microprocessor based control system with 6K ROM and 1K RAM.

**DIAGNOSTICS:** Monitors status of tape transport and detection systems and provides front panel diagnostic LED displays.

**PRINTER OPTION:** Built-in printer, controlled by microprocessor software, provides three hardcopy reports, prints defect counts and graphically charts defect locations. Uses quiet, fast printing system.

**ERASE OPTION:** Provides more than 65 dB erasure at full operating speed. Erases across entire width of videotape.

**POWER:** 117 VAC, 60Hz standard (220/240 VAC and 50/60 Hz optional).

**DIMENSIONS:** 23" W x 23" D x 9½" H  
(58.4cm W x 58.4cm D x 24.1cm H)

**NET WEIGHT:** 75 lbs. (34 kg)

For details and prices, CALL TOLL FREE 800-323-7520

In Illinois call 800-851-4028

From Alaska, Hawaii, or outside the USA, call \*312-677-3000

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4700 Chase Avenue Lincolnwood, Illinois 60646-1689  
Telex: 289414 Retec Lcwo