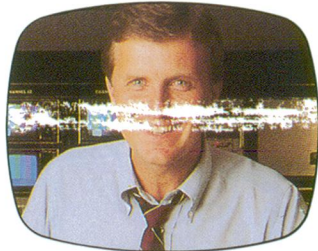


## TapeChek Provides Tape "Insurance"

A RTI TapeChek Cleaner/Inspector is good insurance against the many things that can go wrong with videotape. TapeChek eliminates surprises by pinpointing hidden problems before the tape is played or recorded.

### INSPECTS

Advanced opto-electronic damage detection is fast, accurate and easy to use. TapeChek 400 units automatically grade your tape as "A, B, or C" quality, so you know the condition of your tapes before you use them.



TapeChek automatically finds physical tape damage that can cause picture breakup.

### CLEANS AND POLISHES

Specially formulated cleaning tissue gently removes loose dirt, oxide and other debris to eliminate temporary dropouts. The TapeChek ultra-precision sapphire burnished system polishes the tape for improved performance. Cleaning your videotapes protects VCRs from dirt, oxide buildup and head clogs. Moreover, TapeChek uses no harmful chemicals.



**BEFORE TAPECHEK**  
Loose oxide, dust and dirt on the tape causes distracting dropouts in both video and audio.



**AFTER TAPECHEK**  
Videotape is cleaned and polished to "like-new" condition. With TapeChek, you can maintain the quality of your tapes for years to come.

### PROTECTS VCRs

When tapes are played, they shed oxide and become dirty. Debris accumulates on VCR heads, pulleys and other components, which can cause permanent damage and expensive repairs. TapeChek cleans tapes and protects your VCRs.



### RECYCLES TAPES

Optional Erase provides complete full-width degaussing. TapeChek restores tape to original blank condition. You can recycle tapes with confidence.

## TapeChek® 400 SERIES COMPARISON CHART

TapeChek Model:	460	470	480	490
Cleaning Tissue/Burnishing	Yes	Yes	Yes	Yes
Speed (relative to standard play) *	45X	75X	45X	75X
Display Formats	2	2	6	6
Diagnostics Displays	No	No	Yes	Yes
Total Defect Counter	Yes	Yes	Yes	Yes
Tape Length Counter	Yes	Yes	Yes	Yes
Damaged Section Display	Yes	Yes	Yes	Yes
Defect Location Display	No	No	Yes	Yes
Number of Defect Channels	2	2	3	3
"A-B-C" Grade Indicators	Preset	Preset	Programmable	Programmable
Data Entry Keypad	No	No	Yes	Yes
Printer Output	Option	Option	Yes	Yes
Computer Data Output	N/A	N/A	Option	Option
Erase Function	N/A	N/A	Option	Option
Catalog Numbers	10941	10942	10943	10944
Dimensions: (W,D,H)	20" x 18" x 8 1/2" (10.8 x 45.7 x 21.6cm)			
Weight:	40 lbs. (18.5 Kg)			
Operating Voltages:	117 VAC, 60 Hz Standard (100/220/240 VAC, 50 Hz or 60 Hz Optional)			

\*PAL Speeds: 64X and 107X standard play.

#### OPTIONS:

**RS-232C Computer Data Option.** Catalog Number 10932

**Erase Option.** Catalog Number 10931

**Printer Output Option.** Models 460 and 470. Catalog Number 10933

**Deluxe Dot Matrix Printer.** Catalog Number 10926

**Printer Cable.** Catalog Number 10928

**Inspection Report Cards.** Catalog Number 10929

**Dust Cover.** Protects your TapeChek unit from dust and dirt. Catalog Number 10939

**Cleaning Tissues.** Catalog Number 10964

**Burnishing Blade.** Catalog Number 10959

**CCD Defect Detector Option.** (Model 490) Catalog Number 10921

**Defect Search Option.** Catalog Number 10956

**Coin Operation Option.** Catalog Number 10924

**Buffer Storage Option.** Holds inspection data for up to 100 tapes for output to printer at a later time. Catalog Number 10934

**Printer Multiplex Option.** Lets you use a single printer with up to 8 TapeChek units. Switches printer automatically to proper TapeChek unit. Catalog Number 10938

#### EXPORT OPTIONS:

**Export Voltage Option.** Catalog Number 10937

**PAL Timing Option.** Catalog Number 10936

### Also Available . . .

#### TapeChek XCL High Speed Professional VHS Videotape Cleaner/Conditioner/Rewinder



Cleans, conditions and rewinds a T-120 tape in as little as 2 minutes...restoring it to "like-new" condition. Catalog Number 10947A

- **Cleans...**Specially formulated cleaning tissue gently wipes away dirt, dust, loose oxide, hair and other contaminants that can make the picture look bad...sound distorted.
- **Conditions...**Precision sapphire polisher conditions the tape surface for better performance.
- **Simple to Operate...**Tapes are cleaned, conditioned and rewound automatically.
- **Fast...**Operates at 60 times standard play speed. Cleans, conditions and rewinds a T-120 tape in as little as 2 minutes.
- **Safe...**Proven method used worldwide! Uses no toxic chemicals. Microprocessor electronics control speed and tension for gentle, safe tape handling.
- **Heavy-Duty...**No flimsy plastic parts. All solid state electronics. Direct drive motors—no belts. All components rated for continuous operation.

RTI also offers TapeChek Cleaner/Evaluators for Betacam, U-Matic, 1" and other videotape formats...and a full line of videotape degaussers for metal and oxide tapes.

For prices **CALL TOLL FREE 800-323-7520**



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# TapeChek

## Professional VHS Videotape Cleaner/Inspector/Rewinder



### CLEANS YOUR TAPES...

**Makes Them**

**Last Longer...**

**Play Better!**

**Reduces VCR Maintenance!**

### INSPECTS YOUR TAPES...

**Finds Damage So You**

**Can Fix Them...Retire Them...**

**or Replace Them!**

Products for Videotape Care from



Research  
Technology  
International



# For All Professional VHS Videotape Users...

**EDUCATIONAL MEDIA CENTERS.** *Extend the useful life of your tapes.* Provide your students and teachers with an extra margin of quality. Circulate *clean* tapes. Inspect the *quality* of tapes. Why spend hours tediously viewing tapes to find the damaged ones? TapeChek does it for you quickly and automatically!

**PUBLIC LIBRARIES.** Give your patrons the quality they deserve. Extend the useful life of your tapes. Add *new* titles rather than replacements... Be confident you are circulating only good tapes. Verify customer complaints immediately. Know which tapes are damaged and remove them from circulation. TapeChek 400 Series is *fast and simple* to operate... just insert tape and press a button!

**VIDEO RENTAL STORES.** When prices and selection are about equal... *quality* makes the difference! With TapeChek 400 Series, you can extend the useful rental life of your tapes many times. Eliminate complaints and refunds. Check your new tapes before the warranty expires. Since half of customer tape complaints are really problems with their VCR's, TapeChek separates good tapes from bad ones.

**CORPORATE & TRAINING.** Any tape can be dirty or damaged. Don't let excessive dropouts or tape problems interfere with your presentation. Stop wasting time and money! Clean and inspect your tapes before you use them. TapeChek 400 units make your tapes look good... *so you look good!*

**SECURITY & SURVEILLANCE SYSTEMS.** Large numbers of VHS videotapes are used for security and surveillance recording in banks, government facilities, casinos and for other applications. By recycling tapes with TapeChek, you can reduce your videotape expenditures while you prevent the risk of losing vital evidence due to using damaged or defective videotapes.

## NEW *TapeChek* 400 Series VHS Videotape Cleaner/Inspectors

TOP-OF-THE-LINE MODELS 480 AND 490 INCLUDE 3-CHANNEL DETECTION SYSTEM, COMPREHENSIVE TAPE INFORMATION DISPLAY AND PRINTER INTERFACE

- **Cleans...**specially formulated cleaning tissue gently wipes away dirt and other debris from the tape. Eliminates temporary dropouts and helps to keep VCRs clean.
- **Polishes...**sapphire burnisher removes loose oxide, the number one cause of dropouts. Tape surface is polished for improved performance.
- **Finds Damage...**opto-electronic detection system locates edge damage, wrinkles and creases in the tape without erasure.
- **Simple to Operate...**tapes are cleaned, inspected for damage and rewound automatically.
- **Fast...**inspect, clean and rewind a two-hour tape in less than 2 minutes.
- **Easy to Use...**programmable "A-B-C" indicators provide at-a-glance "grading" of tape condition.
- **Convenient...**front-loading mechanism is easy to use and automatically ejects the tape after the inspection and cleaning cycle is finished.
- **Safe...**microprocessor electronics control speed and tension for safe, gentle tape handling.

- **Comprehensive Tape Information Display...**provides four reports of defect data and tape length, plus diagnostics and setup information (Display 1 through 5).
- **Data Entry Keypad...**permits entry of date, tape and operator number for printed reports.
- **Printer Output...**provides reports of tape condition and damage locations. Use your printer or buy ours.
- **Erase Option...**lets you erase tapes before reusing them.
- **Defect Search Option...**after inspection, at the press of a button, TapeChek will fast forward to each damaged section in turn, so you can visually inspect the tape damage.
- **Computer Data Option...**adds an RS-232C computer port that lets you connect TapeChek to an external computer. Defect data can be displayed or stored on disc.
- **CCD Defect Detector Option...**64 Multiple CCD (Charged-Coupled Device) detector elements scan the tape virtually edge-to-edge at over 3000 times per second. Locates transverse wrinkles, creases, edge damage and longitudinal creases.

### COMPREHENSIVE TAPE INFORMATION DISPLAY

Models 480 and 490 are equipped with a comprehensive Tape Information Display. An easy-to-read back-lighted liquid crystal readout displays all of this information and more:

Display 1

DEFECTS 018 LENGTH 90:24

Total Count of Damage plus Tape Length in Minutes

Display 2

DEFECTS/ 15 MIN. 5-0-1-\*0-0-0-0

Number of Damaged Sections in each 15 Minute segment of the tape

Display 3

CTL VID AUD TOT 003 009 011 018

Number of Damaged Sections in Control, Video and Audio Areas of the Tape, plus Total

Display 4

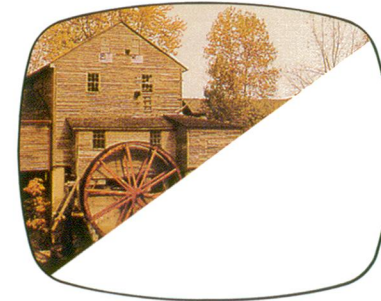
C-V-A LOCATION 59:41

Damage Location Report shows damage area (control, video, audio) and exact location (minutes/seconds)

Display 5

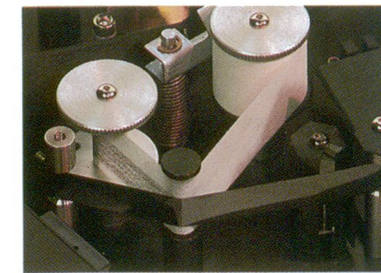
ENTER TAPE NO: 00015648

Status Display. Machine Diagnostics, Setup Displays, Warnings and Other Informational Messages



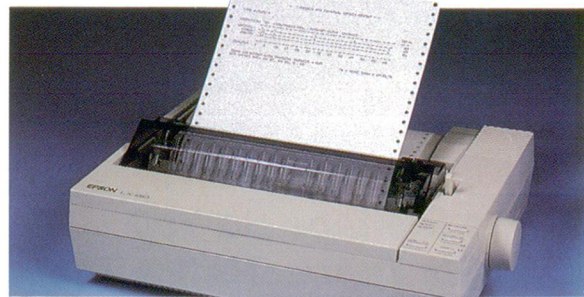
### ERASE OPTION

Erase your tapes to like-new condition at the press of a button. Safety interlock prevents accidental tape erasure.



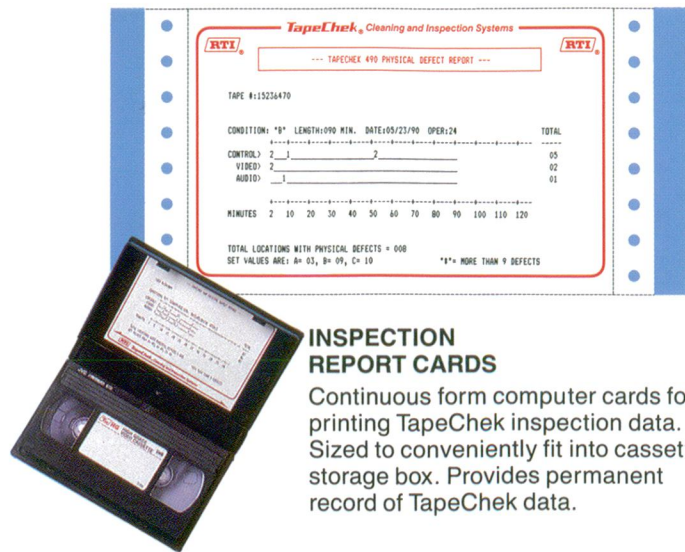
### CLEANING AND BURNISHING

The TapeChek cleaning and burnishing system extends the life of your tapes. Improves tape performance. Minimizes VCR maintenance. Uses a special automatic advancing cleaning tissue. Has a "Replace Tissue" warning system.



### OPTIONAL PRINTER

Deluxe dot matrix printer. Provides hard-copy reports of TapeChek inspection data. Supplied with cable. This printer required for special 4" x 6" report card printout shown at right.



### INSPECTION REPORT CARDS

Continuous form computer cards for printing TapeChek inspection data. Sized to conveniently fit into cassette storage box. Provides permanent record of TapeChek data.



All TapeChek Models  
Accomodate Both VHS & S-VHS Tapes



OUR BASIC MODELS 460 AND 470  
CLEAN AND POLISH YOUR TAPES,  
FIND DAMAGE, AND PROVIDE THIS  
IMPORTANT INSPECTION DATA:

- **Total** Number of Defects and Tape Length (Display 1)
- **Damage Count** for Each 15 Minute Segment of the Tape (Display 2)
- **Convenient** "A-B-C" Indicators provide instant indication of tape condition
- **Plus...**Function messages and user warning messages
- **Optional Printer Output...**provides hard-copy reports of TapeChek inspection data, using optional printer.