

### FEATURES

Indelt TC-Matic represent the next generation of video tape cleaners, because it is more than just a cleaner.

Not only it is designed to delicately clean older master tapes quickly, TC-Matic is a robust tape cleaner -inspector system which reports cleaning problems as metadata via RS-232. It contains several types of sensor to detect many types of tape problems, from stuck hubs, to broken leader, to stretched or folded tape. TC-Matic is designed for the U-Matic, Betacam and VHS families of cassettes. It is the perfect solution for preparing your older cassettes for migration.



Betacam



U-Matic



VHS - S VHS

### KEY PRODUCT FEATURES

- Delicate cleaning of master tapes
- Three models for three cassette families: U-Matic, Betacam L/S, and VHS
- Programmable Auto-mode for standalone, one button operation
- Removable tissue units
- RS-232 compatible
- Firmware updatable
- Large display screen
- Time Counter
- Several custom tape inspection sensor:
  - ✦ Tissue cleanliness sensor - detects dirtiness of the tissue; speed up to remove more dirt
  - ✦ Tape tension sensor - detect hub lock
  - ✦ Leader sensor - a sensor that detects end of tape and detached or broken leader

### OPTIONAL:

- ✦ Surface reflection sensor - Detects major creases and scratches
- ✦ Pass thru sensor - detect tape width variation and tape defects such as folds and edge damage

## SPECIFICATIONS



### Inspector System

**Sensors** Tape tension - Leader detector  
Surface reflection (option) Pass Thru Edge Inspector (option)

### Tape Cleaning System

**Sensors** Tissue cleanliness sensor  
**Tissue stations** 2 (one for each side of tape)  
**Tissue system** Pellon tissue, H 25mm Ø 76mm  
**Service access** Sliding access panel  
**Replacement method** Hand-tightened locking tabs, no tools required

### Cycle Time

Cassette type	Load	1st rev	1st fwd	2nd rew	Unload	Total
Sony IMX 184 (PAL 120')	27"	25"	5' 00"	4' 52"	22"	11' 06"
Sony Betacam (PAL 75')	27"	25"	3' 20"	3' 22"	22"	7' 56"
VHS E-240 (PAL 240')	27"	30"	3' 05"	3' 02"	22"	7' 36"
VHS E-180 (PAL 180')	27"	30"	2' 27"	2' 24"	22"	6' 10"
U-Matic (PAL 60')	27"	20"	3' 30"	3' 00"	22"	7' 39"

Average tissue rolls usage: 2 tissue rolls for every about 100 hours of video tape

### Physical

Height 182 mm Width 428 mm Length 525 mm Weight 23 Kg

### Videotape types

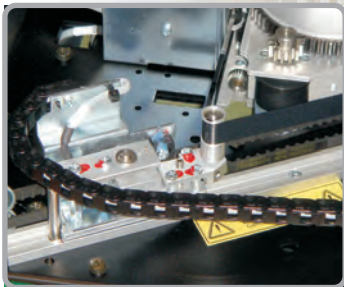
Betacam / Digital Betacam Large and Small

U-Matic Large and Small

S-VHS VHS D9

### Interface

**Connector** RS-232  
**Manual operation** Stand by On - Off Load - Eject  
Auto (Auto clean) Stop / Fwd / Rev



### Related product: BROADCAST T3

Compact robotics to automate the cassette management. It may contains up to 4 (or 7 for some types) decks of all the most important format, including TC-Matic tape cleaners.

Supported decks are:

Indelt TC-Matic tape cleaner (U-Matic, Betacam, and VHS)

Sony U-matic 4U and 5U

Sony Betacam 4U, 5U and Jxx series (up to 7 decks)

Sony Dvcam HVR-M-35U (up to 7 decks)

Sony S-VHS SVO-5800

The cart machine contains 4 cassette shelves, each shelf may of the following format:

15 bins Betacam Large

15 bins Betacam Small

12 bins U-Matic 60'

12 bins U-Matic Small

20 bins DVCam (or DVCPPro)

20 bins DVCPPro Medium

15 bins VHS / S-VHS

Dual gripper cassette manipulator - Barcode reader (1D or 1D/2D)

Automatic alignment using a sensor and special cassette

Various safety sensors

SDK to interface with an external automation software

