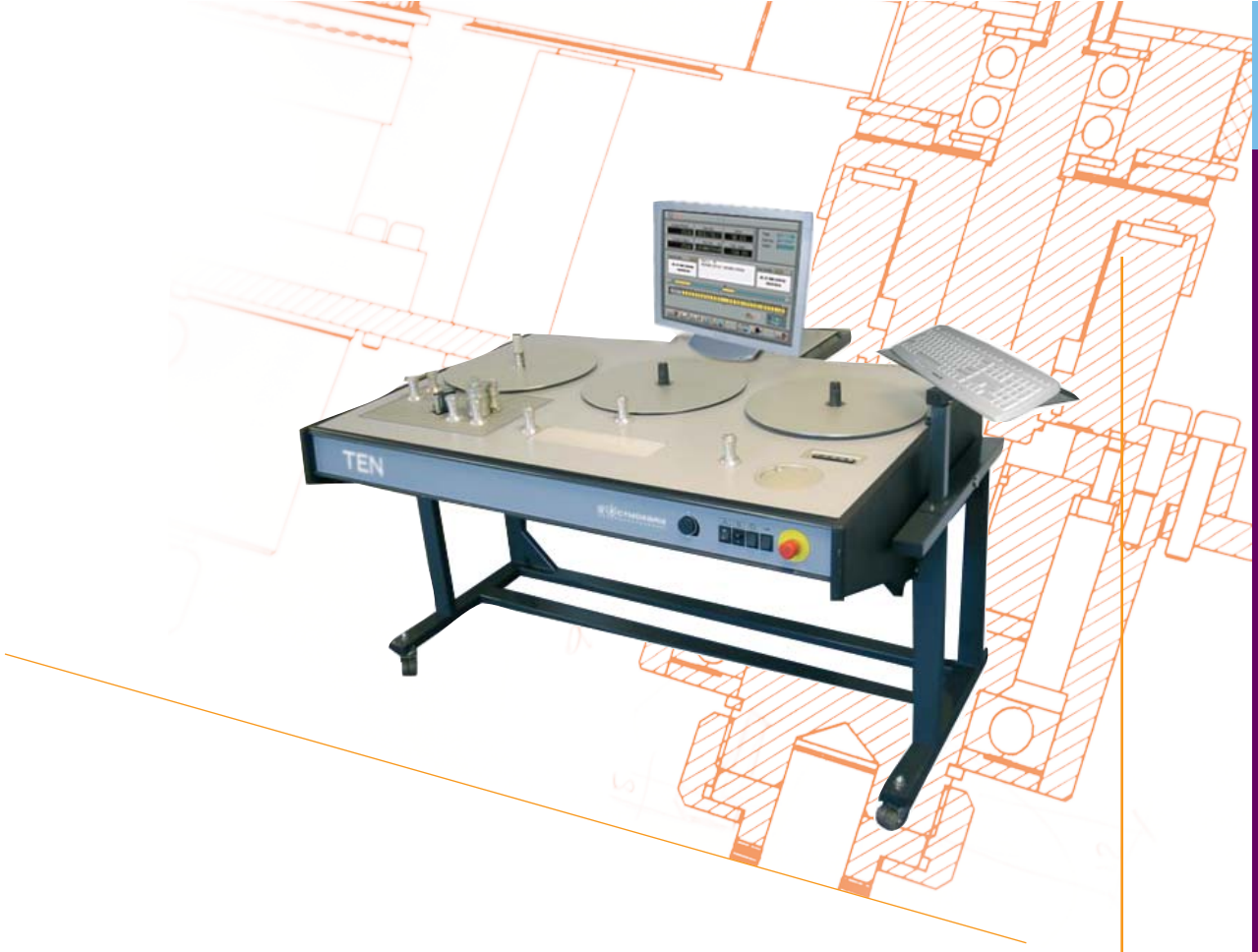

negative auto conforming
ten

Pulling all the takes used by the final edit

features

Easy pulling operation
Specific software TEN
Full EDL compatibility
Rush identification
Framing of Keycode reader
Multi-parameter counter

advantages

Nicely designed in cooperation with end users
Comfort for the operator
Well arranged controls

Patrick BAZSALICZA
Programmer > TEN & TDN software

negative auto conforming ten

easy pulling operation

The pulling mechanism is automated by a computer that brings the film to the cut point. All the required takes are extracted flash-to-flash corresponding to the way they have been logged, labeled, and placed on a numbered rack. The computer in the TEN tables uses the Keycode reader to find the film that has to be extracted. Another benefit of this table is that one can start with the lab roll tail out and finish with the pulled takes head-out, and therefore ready for the assembly operation.

specific software - TEN

The TEN negative extraction table is controlled by software that has been specially developed to search, completely automatically, for shots on negatives in the files of a computerized editing system. However, it remains possible to use them in traditional work methods by simulating data contained in the files, thus putting to good use the power of the identification system provided by Keycode. The general treatment principle is based on the existence of two types of file: 1. The edit list (EDL) which gives the editing structure. 2. The rush identification files opened by telecinema, creating a link between identification managed by the editing system (Time-code) and the negative (Keycode or Bar code).

full compatibility

with standard and non standard EDL

This file is opened by an editing system that links selected shots taken in editing and their positions in the videotape coming from the telecinema. This file is consistent with the standard generally used by all editing system manufacturers. However, TEN software is organized so as to be able to adapt quickly to a structure, which is not consistent with this standard.

rush identification

There is one file per videotape (therefore a single file per reel of negative). It consists in an analysis of Keycode breaks on the negative and by the association of the time-codes corresponding to these breaks. In contrast to EDL, there is no standard associated with the structure of this file. TEN software is organized to facilitate receiving files from a variety of sources: Start of take Keycode - End of take Keycode - Start of take Time-code - End of take Time-code.

framing of Keycode reader

To determine the position of this reference frame, there is an automatic location function that analyzes the reel Keycodes that have been read and progressively searches for their precise position. This function should be used just once, when the table is initially set up for the first time for each of the formats (35mm and 16mm). Normally the function does not have to be used again.

multi-parameter counter

The main frame counter shows results produced by an electronic counter located in the micro computer. The auxiliary counter is a software counter that follows the main counter, but which can be modified to do partial counts. The time-code counter follows the main counter adopting normalized time counting, HH:MM:SS:FF. The Keycode counter is in direct relation to the table's reader. It is therefore not affected by the zero setting and initialization functions. The value displayed is reworked to take account of the difference between the reader and the reference position and bad read problems. This explains why a fictional count is done on those parts of the film without Keycode. However, a star behind the Keycode indicates that it has been calculated and not detected.

technical specification

Capacity	600 meters (2000 feet)
Formats	16mm, S16mm, 35mm, S35mm
Speed control	manual handle + jog/shuttle
Speed adjustment	from 0 to 74 fps
Size of the glass	275 x 195mm
Synch	Sony 9-pin RS422 remote control protocol
Video format	PAL and NTSC

range

Model	**Designation**
TEN 35	Negative auto-conforming table for 35mm
TEN 16	Negative auto-conforming table for 16mm

dimensions

Model: TEN

Length: 1475

Width without screen: 826

Width with screen: 800

Height without screen: 1176

Weight: 140

Power: 100/110/120/220/240 VAC/50/60 Hz