MEDIA MIGRATION
TECHNOLOGY

D-Observer Digital Table (Cat. Cine3)

D-Observer has been specifically designed for film laboratories, film archives and in general film companies which need to check the total quality of the film in all its parts.

It is composed by an horizontal "table" shaped structure with two running plates for the film. Its large inspection area and the incorporated viewer allow an easy film handling and comfortable space for all needed instruments.

The customizable applied tension is constantly controlled through a CPU that keeps movement smooth so to guarantee no damages to the films handled. The same control CPU ensures a flat customizable speed free from sudden risky oscillations potentially harmful for aged but even new film.

The standard model perfectly runs for film 35mm and 16mm positive and negative film.

The film rolls have been specially designed so to touch film only at perforation edges and are provided with tin-like ball bearings to avoid film stress and damage.

The film rolls are provided with special safety slides for correct film positioning, also in case of loading mistakes.

Its adjustable-pitch sprocket, safeguards any standard and short pitched perforations, up to the most retired ones from the archive.
In any case the film is always automatically pre-tensioned before starting and its integrated technology protects the film from any tension damage.

For a correct adaptation of the equipment to the fragility of the loaded film, a tension control is provided.

A checking-speed selector grants three adjustable constant speeds for each direction.
The standard setting (12fps-24fps-150fps) can be easily changed by the operator directly from the setting menu on the keyboard.

An easy and ergonomic control knob enables the operator to run the film in either direction with variable speed from 0 up to 200fps (max peak speed) maintaining always the same tension during all the operations.

The digital counter measures in real time the film length in feet, frames, meters, fps and elapsed time at 24 or 25 fps and the operator can locate a certain frame simply digiting its foot and frame references on the keyboard.