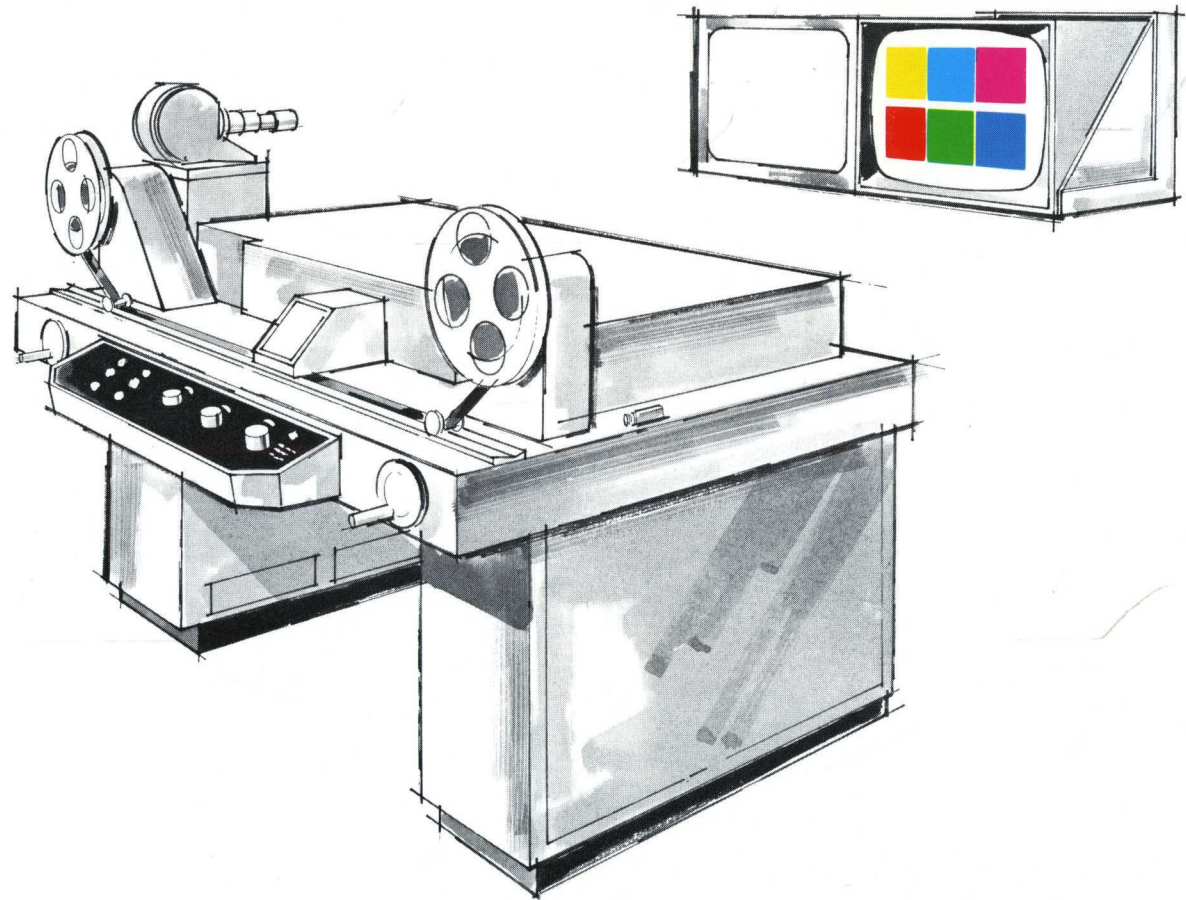


**...Introducing the New Solid State
Electronic Motion Picture Color Film Analyzer**

The Now Generation Hazeltine Analyzer

Look at the Solid State Analyzer!

Sharper
Clearer
Brighter
Cooler
Slimmer
Trimmer
More Reliable
More Versatile
Flicker-Free



Hazeltine

SOLID STATE
ELECTRONIC

Color Fi

Provides Instantaneous Electronic Analysis of Color Film to Determine Printing Exposure Prior to Committing the Film to Processing

Dependable, profit-making performance has earned respect for the Hazeltine Electronic Color Film Analyzers which have provided the motion picture industry with the first commercially available and proven electronic timing tool. For many years, leading motion picture film processing laboratories throughout the world have recognized and advertised the fact that owning a Hazeltine Color Film Analyzer automatically gave them a competitive advantage over laboratories not so equipped. Now all laboratories, large or small, can afford to own or lease a Hazeltine Analyzer.

Hazeltine, world leader in electronic systems for the Motion Picture Processing Industry, now introduces the most versatile, precise, and advanced Color Film Analyzer featuring solid-state circuitry. A new type color flying-spot scanner tube scans the film. Variations in light transmission are sensed simultaneously by three photomultiplier tubes, providing suitable red, green, and blue signals for ultimate presentation on a flicker-free 180 sq. in. color display cathode-ray tube. Simulation of the unwanted dye absorption characteristic of the print film is achieved by use of cross coupling matrices made possible by simultaneous presentation of the red, green and blue signals. Furthermore, solid-state technology reduces size, power and maintenance requirements.

ADDITIONAL FEATURES INCLUDE:

- A color TV image of 180 sq. in. displayed regardless of whether 16mm, 35mm, or 35-32mm film is used.
- Adjustable red, green, and blue Gamma controls allow precise and independent Gamma matching of the print film characteristics including processing.
- Direct reading red, green, and blue exposure controls continuously adjustable to provide a total range of 1.6 Log E in 64 steps each of 0.025.
- Color display brightness simulates theatre projection standard.
- Display color balance switchable for incandescent or arc viewing.
- Calibration achieved through use of laboratory standard headtest - no special trial prints required.
- Controls and switchable functions at the timer's fingertips for greater convenience and ease of operation.
- Compact, rugged, solid-state construction throughout, with no moving parts in the video system to wear out or gelatin filters to fade or impair performance.
- Timing capabilities for negative, intermediate negative, master-positive, reversal, and black and white film.
- Overall system stability achieved by unique automatic gain stabilizing circuits.

180 sq. in. color display • Instantaneous Color Control

180 sq. in. Color Film Analyzer

GENERAL CHARACTERISTICS – Series 200 Color Film Analyzers

Image Characteristics

Color TV image size Approx. 15 $\frac{1}{2}$ x 12 $\frac{1}{4}$ in.
Reference projector image size Approx. 15 $\frac{1}{2}$ x 12 $\frac{1}{4}$ in.
Images are corrected for proper viewing illuminant (16mm or 35mm) –
Incandescent or arc

Power

Frequency (HZ) 50 or 60
Voltage (60 HZ), Single Phase 115V
Voltage (50 HZ) 115/230V
Power less than 1 kw

Size (Approx.)

	TRANSPORT	DISPLAY
Height	3 ft. 7 in.	1 ft. 7 in.
Width	3 ft. 4 in.	2 ft. $\frac{1}{2}$ in.
Depth	3 ft. 8 in.	1 ft. 7 in.

Film and Transport Characteristics

Film sizes Interchangeably 16, 35, and
35-32 mm
Reel Capacities Up to 3000 feet
Transport mechanism (H) Two (2) speed hand operated drive
Forward and Reverse
Transport mechanism (M) Variable speed servo control
Forward and Reverse
High speed rewind

Film Types

Negative Film Types 5251, 5253, 5254, 7270, when used with
Eastman Print Film Types 5385 and 7385
Master-Positive Types 7253 and 5253 when used with Eastman Print
Film 7385 and 5385 (via inter-negative)
Reversal Type 7255, 7241, and 7242 when used with Eastman
Print 7387 and 7388
Black and White Virtually all types

Calibration Controls

Easy access controls for red, green and blue are provided to match the analyzer quickly to the laboratory processing standards.

Timing Controls

Individual red, green and blue exposure controls. Dial indicators calibrated to 64 additive printer points (0.025 Log. E increments) . . . other increments available.

ACCESSORY ITEMS

- Automatic tape punch
- Dual exposure controls
- Dual calibration controls
- Subtractive computer panel
- Dual 16mm – 35mm film gates
- Footage and frame counter
- Previewer
- Cue and punch counters

*Other systems available with
servo control motorized transport*

For further information contact:



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Hazeltine and the Pursuit of Excellence