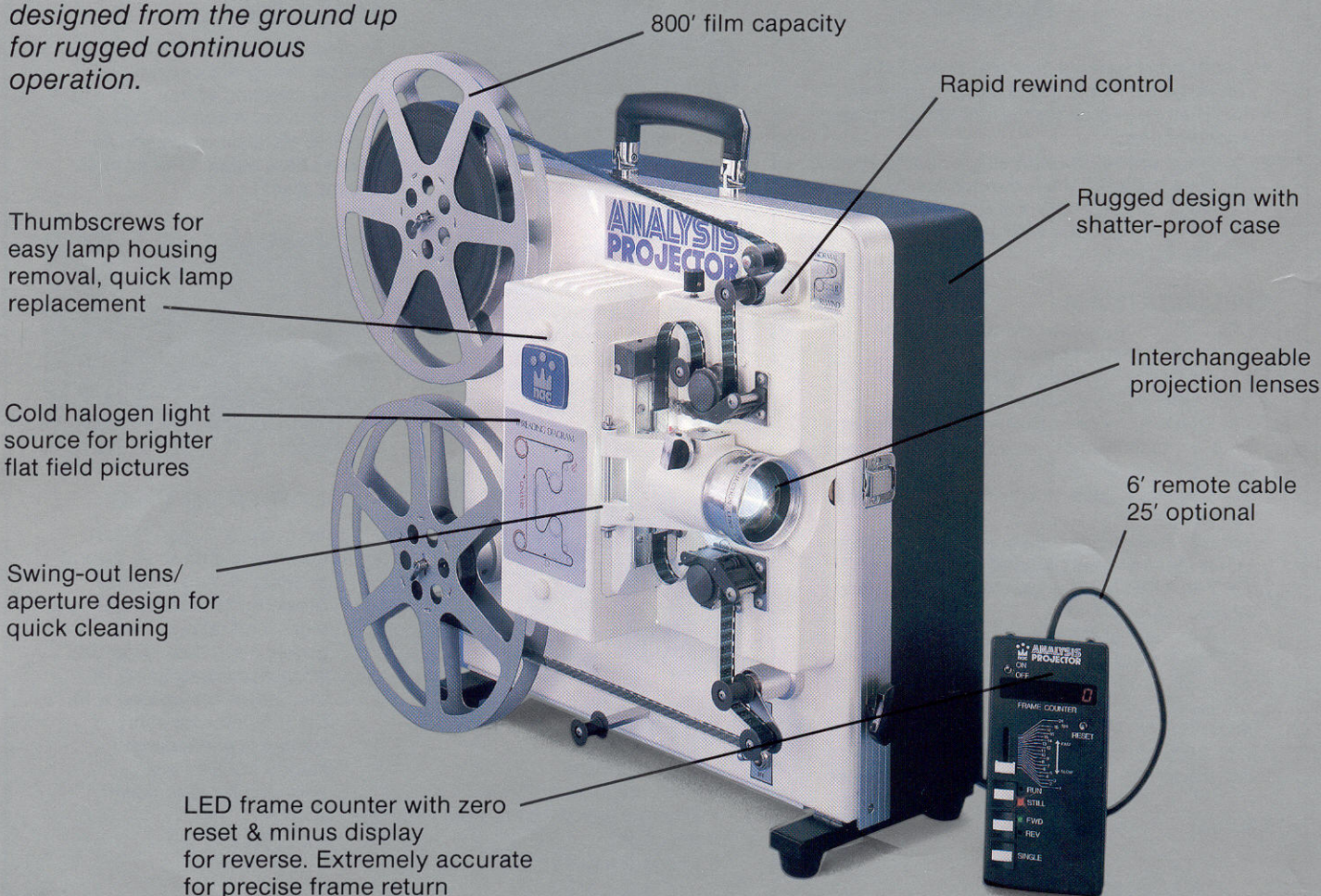


FLICKER-FREE at all projection speeds – forward & reverse

Not a modified projector... designed from the ground up for rugged continuous operation.



The NAC Model DF-16C has been designed from the ground up to meet the highest quality and reliability. Unlike others, this product is not a rebuild or modification of any existing conventional projector. As such, you can rely on many years of reliable performance.

This superb, versatile system features flicker-free constant "cold" halogen illuminated projection in any mode... 24 fps cine, 0 to 18 fps continuously variable in forward and reverse and stop frame providing unlimited viewing time of a single frame

without film damage.

Several other significant features are its simple-to-operate remote control box with a single sliding knob for speed control and push buttons for instant stop, single frame and forward/reverse. And digital frame count is provided with zero reset and minus display for reverse.

Add to this the rugged design, shatter-proof high impact case plus light weight and you have a most remarkable analysis instrument...

the DF-16C



FEATURES

- Continuous variable forward/reverse, 0 to 18fps; 24fps; single frame forward/reverse
- Instantaneous stop for frame hold, up to top speed of 24fps
- Remote control box with single sliding knob for speed control; push buttons for instantaneous stop, single frame and forward/reverse, digital frame counter with zero reset and minus display for reverse.

SPECIFICATIONS

FILM: 16mm monochrome and color, perforated one or two sides

FILM CAPACITY: 240m (800ft.)

APERTURE SIZE: 14.2mm x 8.2mm

FILM MODES: Forward/reverse; stop-motion with unlimited hold time with no film damage

PROJECTION SPEEDS: 0-18fps (continuously variable) and 24fps, flicker-free projection at all speeds

PROJECTION LENS: 50mm f 1.8 (standard), other focal lengths optional

LIGHT SOURCE: Halogen lamp with dichroic coated integral mirror.

115V model - 300W ELH lamp

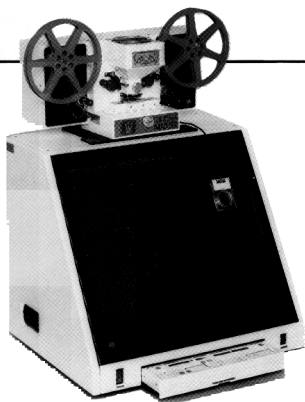
220/240V model - 200W ETL 24V lamp

FRAME COUNTER: LED, 5 digits, zero reset, minus display for reverse

INPUT VOLTAGE: 115VAC, 60Hz or 220/240VAC 50 Hz (to be specified)

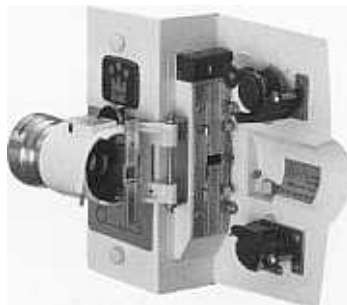
DIMENSIONS: 425mmW, 245mmL, 235mmH (16 $\frac{3}{4}$ "W, 9 $\frac{3}{4}$ "L, 17 $\frac{1}{8}$ "H)

WEIGHT: 16kg (32 lbs.)



CONTROL BOX

This simple-to-operate remote control box has one knob for continuously variable speed control from 1 to 18fps and 24fps cine. Push buttons control instantaneous stop, single frame and forward/reverse. And for viewing under any lighting conditions there is a 5-digit LED frame counter with zero reset and a unique minus display for reverse.



APERTURE

The lens/aperture design features swing-out capability for easy cleaning of the aperture area. A standard wide aperture plate assembly allows viewing data outside the normal picture area.

IMAGE ERECTOR

An optional image erector attaches easily to the lens to rotate the projected image thru 360°. This accessory is most commonly used to correct gun camera film which is often exposed 90° off axis.



CARRYING CASE

An optional rugged fiber-glass case with foam inserts is available and includes provision for convenient storage of take-up reel, power cord, dust cover and other accessory items. A dust cover is provided with the projector for short transport and storage. Handy pockets are provided for reel, power cord.

OPTIONS

- Carrying Case
- Wide angle lens, 25mm f 1.4
- Extension cable for remote control, 8m (26ft.)
- Image erector unit

OTHER NAC MOTION ANALYSIS EQUIPMENT

Models 160F, 350F and 700F Film Analyzers have become standards with experts involved in film data reduction. Now, these same high quality analyzers can be combined with the NAC Movias data reduction software program and an IBM AT or compatible computer, to become one of the most complete film analysis systems available anywhere. Objectives such as: acceleration, force, momentum, energy, power, position, and displacement, only to mention a few, can be determined quickly with complete accuracy.

(Literature available upon request)