

Rollfilm Reader 22E

The ALOS Rollfilm Reader 22E is a high quality motorized reader for 16mm rollfilm in open reels or cartridges.

Designed for maximum operating comfort and low cost operation. The image on its large 12 by 13-inch screen is always crisp and uniform, whether the film is stationary or in motion. That means struggle-free, easy reading all the time.



Data retrieval is quick and accurate because the 22E features variable speed control with a remarkably smooth slow scanning motion.

The 22E is an industry proven rollfilm reader. Its standard features include 360° image rotating prism and a multi-purpose socket. A wide range of easy-to-change lenses is available.

Features

Constant Focus

The design of the film gate and the floating optical system ensure sharp image, when film is stationary or in motion. A simple film track makes film loading extremely easy. The reader accepts all normal and thin base 16mm films in open reels or cartridges.

Multi-Purpose Socket

A built-in feature that may be used to plug in a footswitch that drives the reader. Or, the socket may be used for easy hookup to a computer assisted retrieval device.

Fast Data Retrieval

A single operating knob for variable control of fast and slow, forward and reverse motion. Film drive and film tension controlled by solid state electronics. The high speed scan and an optional odometer locate a desired film section fast. A remarkably smooth slow scan speed eliminates eye strain.

Image Rotation

The standard 360° image rotating prism allows normal position viewing of images filmed in comic or ciné mode.

Brilliant Optical and Lighting System

The universal condenser system combined with the advanced light source give this low cost reader unequalled overall image brightness. Operator may replace lamps easily-no tools are required. Any one of seven precision lenses (18x to 65x) will project high resolution images.

Adaptability

The 22E is a versatile reader that adapts easily to meet your office's present and future needs.

Technical Specifications

General

Motorized reader for viewing 16mm microfilm on open reels or in 3M cartridges or Kodak magazines. Usable for normal and thin films on polyester or acetate base, either diazo or vesicular type.

Motorized Film Drive

Continuously variable speed. 0 to 10 ft. (3m) per second in both directions. The motors are protected by current and torque controls. Solid-state electronics.

Film Thickness

0.07 – 0.16mm (2.5 to 6.3 mil).

Lenses

Interchangeable. Magnifications: 18x, 21x, 24x, 31.5x, 37x, 42x and 65x.

Focusing

Floating lens in threaded holder.

Condenser System

Universal for all lenses.

Image Rotating Prism

For 360° with all lenses.

Screen

W-13" (320mm), H-12" (300mm), blue, reading lines.

Odometer

1 digit = 5", with zero reset button.

Scanning

Independent image centering control.

Projection Lamp

Halogen 12V/100W FCR, over 1000 hours achievable at low intensity.

Light Intensity Switch

2 positions (Hi/Lo)

Thermostat

For the protection of the reader.

Electrical

115V, 60Hz, 120W - UL Listed

220V, 50Hz, 120W - CE Certified

240V, 50Hz, 120W - CE Certified

Fuse

1.25A, slow-blow.

Multi-Purpose Socket

To drive reader with a footswitch or with an interface by a retrieval unit.

Overall Dimensions

W-13" (34cm), D-19" (50cm), H-20" (52cm)

Base Area

W-13" (34cm), D-8" (20cm)

Weight

20 lbs. (9 kg).

Accessories

Footswitch

With go/stop.