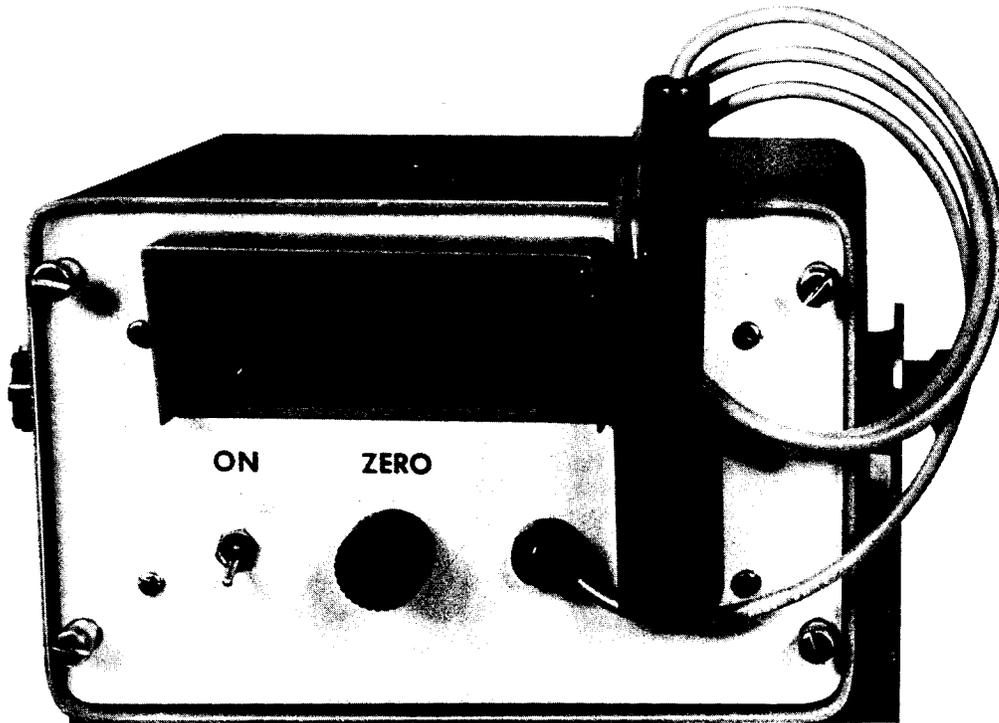




KODAK READING Densitometer Model II



Purpose

The KODAK READING Densitometer, Model II, provides a means for making spot density readings of black-and-white film transparencies when mounted on inspection or editing tables which have accurately controlled stable light output. It can be used to measure any transparency where visual density readings fall within the range of 0 to 2.5.

Features

- Portable.
- Compact size.
- Movable probe.
- Accuracy ± 0.03 within range of 0 to 2.5 (using controlled light sources).
- Front panel zero adjustment.
- Internal calibration adjustments.

Description

KODAK READING

Densitometer, CAT No.
Model II. 170 4311

The KODAK READING Densitometer, Model II, utilizes the transmitted light method for measuring densities on processed film. The light source is generated from an inspection or editing table containing a stable, direct current light source of 1300 footlamberts, minimum. The movable probe is used to read densities selected by the operator within a radius of approximately 2 feet. The probe, containing a photo cell, provides inputs to a logarithmic amplifier to produce density readings at the digital display. Front panel controls allow for adjustment of the density value to compensate for the operating light level of the inspection table. Slope calibration adjustments are available within the unit.

The READING Densitometer, Model II, is supplied with a mounting bracket, a movable probe, a digital display, and a power cord with an ON/OFF switch.

Specifications

Materials Handled	Processed black-and-white roll film.
Service Requirements	120 V ac, 60 Hz, 0.1 ampere.
Facility Requirements	120 V ac, 60 Hz, 15 amperes.
Dimensions	Height: 6 in. (15.2 cm) Width: 8 ³ / ₈ in. (21.3 cm) Depth: 6 ⁵ / ₈ in. (16.8 cm)
Measuring Range Accuracy	Digital readings from 0 to 2.5 ± 0.03D.
Operating Environment	Temperature: 70°F (21°C). Humidity: 50% relative, optimum. Illumination: Stable white-light source.

Toll-Free Number

For additional information, please call our Technical Assistance Group toll-free at 1-800-TEC-ASST, Monday through Friday, 7:30 a.m. to 4:00 p.m. EST (in New York State: 716-253-6892).



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