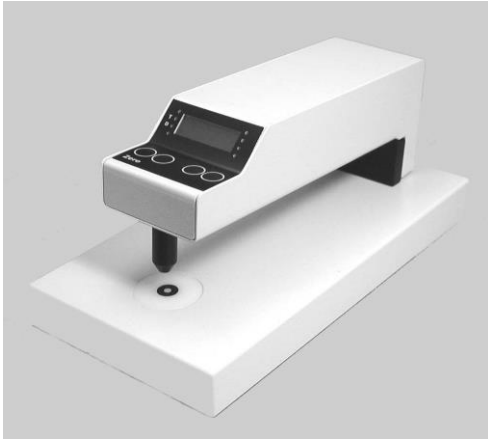


SMA TD - Densitometer



Measurement of B&W films for photographic applications, X-ray films and microfilms

Wide area of applications

This product is designed for transmission only measurement of colour neutral films. The density is continuously measured and displayed in units of logarithmic density (log.D). The following applications are given as a brief introduction how to benefit of density measurement.

- Calibration of film and developer
- Determination of true film sensitivity
- Process control of x-ray film
- Comparing diazo origin and copy

Instrument description

The densitometer is build in a solid metal box and is powered by main voltage (90..250V AC). The densitometer consists of the base and the measurement arm (lever). Both parts are connected via a precise bearing, the integrated spring pushes the arm in the upper position after releasing. The probe is mounted underneath the lever.

The illumination and display are activated automatically when the measuring arm is lowered down. The 3-digit LED display allows a precise reading. Using the "ZERO" button the display can be reset to "0.00".

The **TD** densitometer is mainly used for measurement of silver based microfilm and X-ray films. It is equipped with a fixed aperture (diameter can be selected prior to ordering), the probe is not exchangeable.