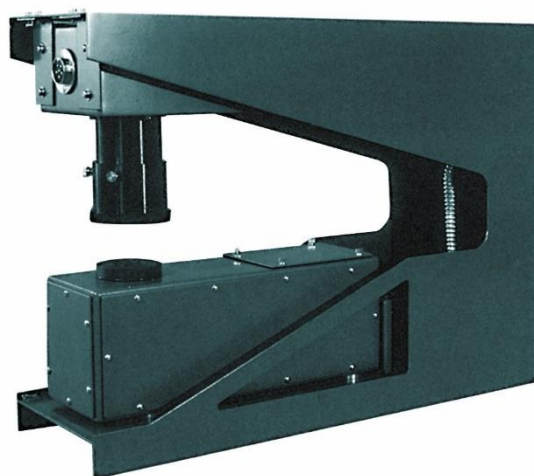


On-line Transmittance Monitor

TM-100M



The TM-100M is designed to measure the transmittance of the films and glass plates in a manufacturing process. The instrument provides for the absolute transmittance value measurement value¹ and the measured value control².

Reference

- 1) This value is obtained by calibration to indicate 100% as the transmittance of air while no specimens are placed in the light path. The transmittance of the samples are obtained when they are placed in the path
- 2) A specimen for reference is put in the light path and memory knob is adjusted to indicate zero (0) in the center of the recorder for a long-term memory. LED light switches ON when the transmittance of the samples are beyond the allowance of the reference value

Applications

- Managing the transmittance of plastic films.
- Managing the transmittance of plastic sheets.
- Measuring the transmittance of polarizing films
- Measuring the transmittance of sheet glass.

Specifications

Light source	Halogen Lamp
Measured area	Diameter 20 mm
Receptor	Silicon photodiode
Accuracy of transmittance	0.5%
Transmittance Indication	3 1/2 digit by Digital Panel Meter
Alarm	By LED Lighting and contact output for Upper & Lower limit
Setting the limits	By operating switch on the recorder.
Power requirements	100V AC, 50/60 Hz

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