

MX-1100 - Thickness Tester

Economical, Accurate, Easy-to-Operate... the model 1100 micro-gauge film thickness gauge utilizes an LVDT contact sensor, and proven "Isolated C Frame" and resolves to ten millionths of an inch with accuracy to 50 microinches. "True Cam" for accurate descent rates, and one-button "zeroing" are standard. Equipped with an RS-232 port for a serial printer or computer. Manufactured to meet TAPPI specifications for paper or ASTM specifications for film. Range: 40 mils (0.04 inch), available to 0.50 inch.

Press one button to "zero" the digital display. Press one button to perform digital calibration. Equipped with an RS-232 port to drive a serial printer or collect data with a computer. Also equipped with a detachable foot switch.

Requires no special training to operate. The model 1100 film thickness gauge is equally at home in a quality control lab or out on the production floor. Manufactured to meet TAPPI specifications for paper or ASTM specifications for film. Other configurations for measurement foot and pressure are available.

If it's Rolled, Blown, Extruded or Corrugated, depend on the model 1100 Film Thickness Gauge for accurate caliper.



Technical Specifications

	Paper	Film
Accuracy	±50 micro inches	±50 micro inches
Parallelism	±50 micro inches	±50 micro inches
Range	0.04"	0.04"
Dwell (at zero reading)	3 ± 1 seconds	N/A
Cycle Rate (per min @ 60Hz)	12 or 20	up to 60
Foot Size	0.628" dia	0.19" dia
Foot Pressure	7.3 lbs/in2	4.0 - 8.0 lbs/in2
Temp. Range	50 - 110°F	50 - 110°F
Weight in Use	20 lbs	18 lbs
Ship Weight	25 lbs	23 lbs
Dimensions	10"x11"x10"	10"x11"x10"
Power	115V, 60 Hz or 220V, 50 Hz	115V, 60 Hz or 220V, 50 Hz

Options

2" serial printer. Prints a hard copy of all readings.

Measurement range available to .500"

Configured to display metric readings.

Configured to European ISO measurement requirements.

Adjustable dwell time from less than 2 seconds to more than 20 seconds.

Variable "dead weight" for crush testing.

Measurement foot diameters available from .125" dia. to 2.20" dia.

Windows® 95/98/NT/2000/XP – based advanced software for display/hard-copy reporting of statistical and graphical analysis of thickness data including high, low, average, standard deviation, and data count values.