

707

AutoLabeler®

User's Guide

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FCC Notice

This device complies with Part 15 of the FCC Rules and the Radio Interference Requirements of the Canadian Department of Communications. Operation is subject to the following conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

**METTLER TOLEDO RESERVES THE RIGHT TO MAKE REFINEMENTS OR
CHANGES WITHOUT NOTICE.**

PRECAUTIONS

READ this manual before operating this equipment. Save this manual for future reference.

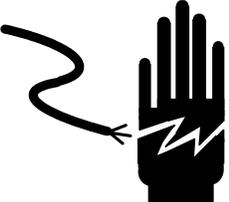
Be sure machine is connected to a properly grounded outlet of the correct voltage and amperage as specified on the data plate. **DO NOT USE ADAPTERS OR EXTENSION CORDS THAT BYPASS THE GROUNDING.**

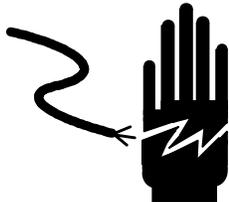
DO NOT allow untrained personnel to operate, clean, maintain, or service this equipment.

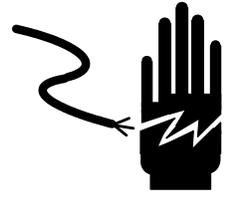
ALWAYS DISCONNECT THIS EQUIPMENT from the power source before cleaning or performing operator maintenance.

DO NOT USE solvents or commercial cleaners on this unit. **DO NOT SPRAY** liquids directly on the unit. See Chapter 3 for Cleaning instructions

CALL YOUR LOCAL METTLER TOLEDO OFFICE for parts, information, and service.

	 WARNING
	ONLY PERMIT QUALIFIED PERSONNEL TO SERVICE THIS EQUIPMENT. EXERCISE CARE WHEN MAKING CHECKS, TESTS AND ADJUSTMENTS THAT MUST BE MADE WITH POWER ON. FAILING TO OBSERVE THESE PRECAUTIONS CAN RESULT IN BODILY HARM.

	 WARNING
	FOR CONTINUED PROTECTION AGAINST SHOCK HAZARD CONNECT TO PROPERLY GROUNDED OUTLET ONLY. DO NOT REMOVE THE GROUND PRONG.

	 WARNING
	DISCONNECT ALL POWER TO THIS UNIT BEFORE INSTALLING, SERVICING, CLEANING, OR REMOVING THE FUSE. FAILURE TO DO SO COULD RESULT IN BODILY HARM AND/OR PROPERTY DAMAGE.

 CAUTION
BEFORE CONNECTING/DISCONNECTING ANY INTERNAL ELECTRONIC COMPONENTS OR INTERCONNECTING WIRING BETWEEN ELECTRONIC EQUIPMENT ALWAYS REMOVE POWER AND WAIT AT LEAST THIRTY (30) SECONDS BEFORE ANY CONNECTIONS OR DISCONNECTIONS ARE MADE. FAILURE TO OBSERVE THESE PRECAUTIONS COULD RESULT IN DAMAGE TO OR DESTRUCTION OF THE EQUIPMENT OR BODILY HARM.

 CAUTION
OBSERVE PRECAUTIONS FOR HANDLING ELECTROSTATIC SENSITIVE DEVICES.

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For your notes

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Introduction

The Model 707 Labeler is an in-line labeler designed for use in narrow rooms. The Model 707 Labeler will automatically position trays for price/weight labels. All packages must be wrapped in a tray or container or have a flat bottom surface for proper weighing of the contents.

Figure 1-1 shows the locations of major components described in this manual.

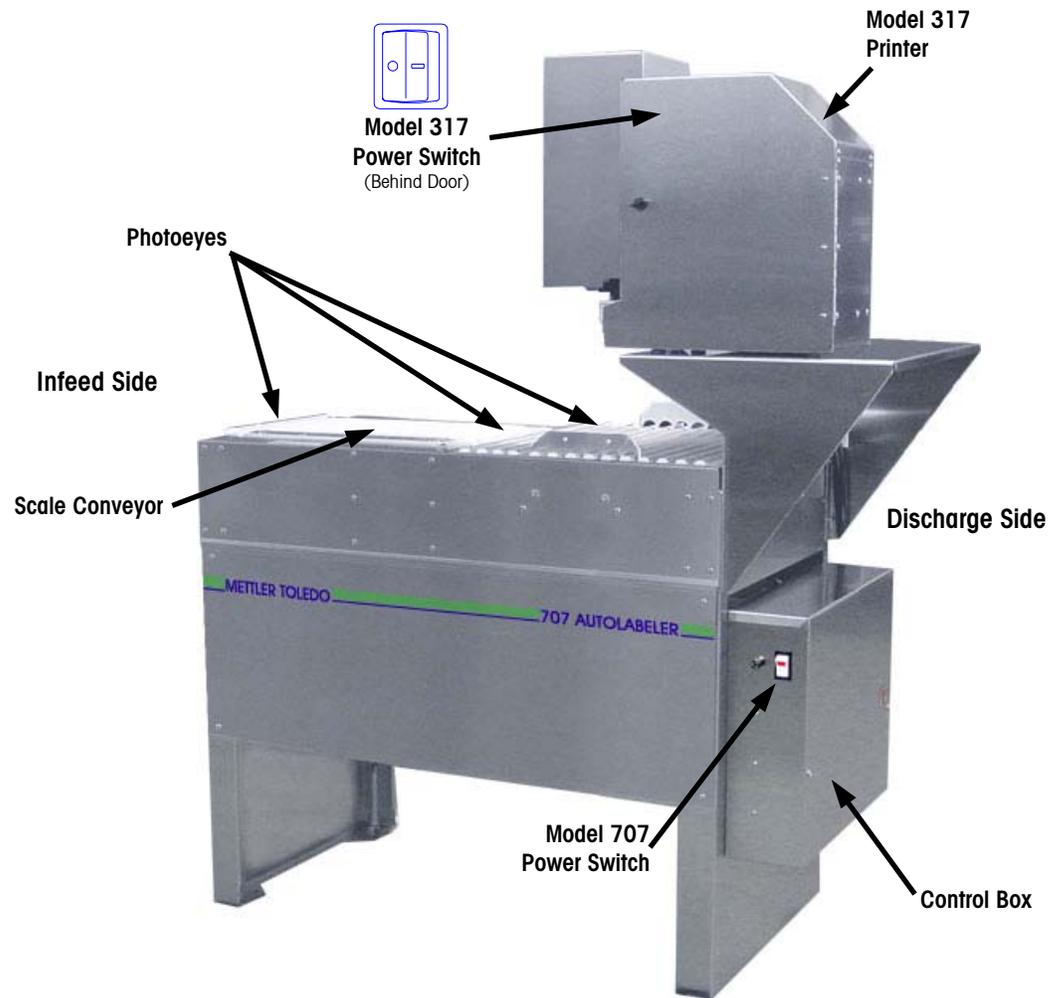


Figure 1-1: Model 707 Major Components

Environmental Requirements

The Model 707 Labeler environmental operating range is +5° to +35°C (+41° to +95°F) at 10 to 95% relative humidity, non-condensing. The shipping and storage temperature range is 0° to +66°C (+32° to +150°F) at 10 to 95% relative humidity, non-condensing. The labeler is designed for use in prepackaging backroom environments and is not intended for direct wash-down operation, or for operation in environments of extreme dust, heat, cold, or humidity. The integral control box is designed to prevent moisture from dripping onto the controls. No NEMA rating applies.

Power Requirements

The Model 707 Labeler requires 115 VAC, 60 Hz., single-phase power at 0.5 kVA, 5 AMP nominal to operate. The circuit must be well regulated, transient free, dedicated, and properly grounded.

Packs/Minute

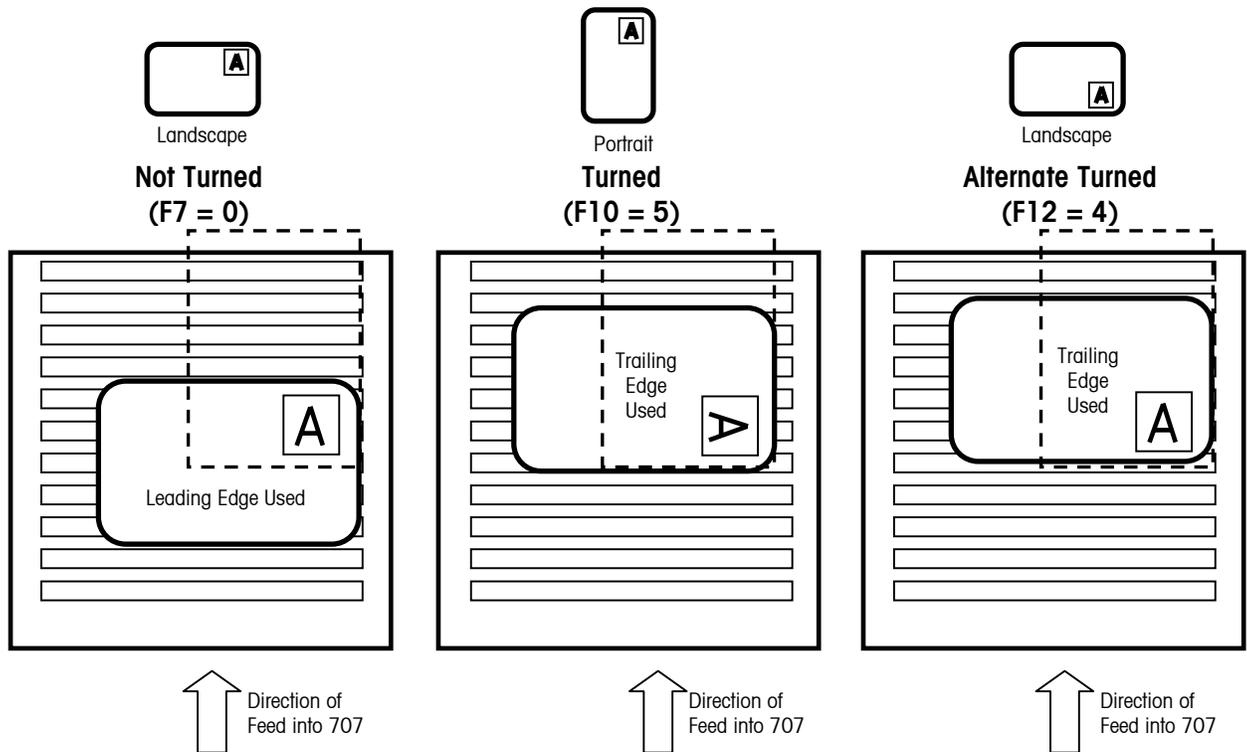
Depending on package size, label size, and label placement, up to 34 packs per minute.

Tray Size

Shortest dimension parallel to direction of travel: 4.7", 17S tray
Longest dimension parallel to direction of travel: 10.3", 10 x 14 tray
Shortest dimension perpendicular to direction of travel: 8.25", 17s tray
Longest dimension perpendicular to direction of travel: 15.75", 25S tray

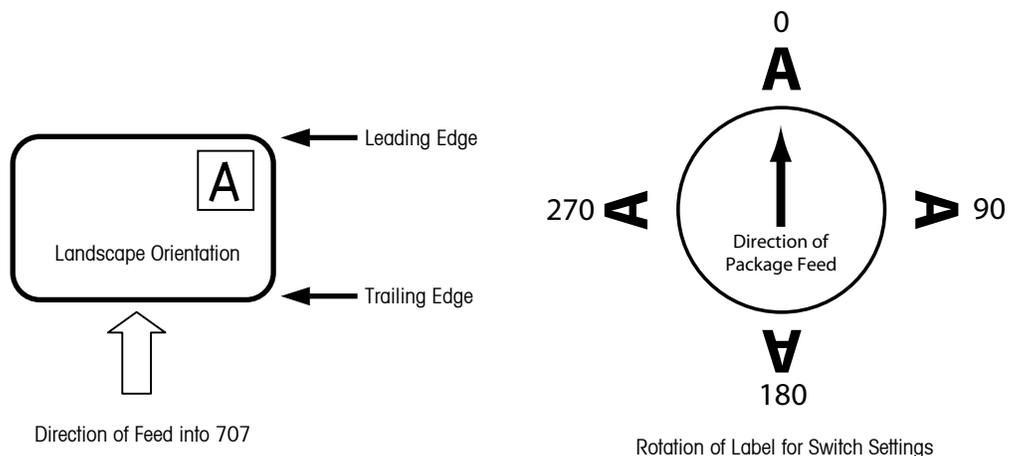
Label Placement

The Prepack Controller is used to the label turned not turned, or alternate turned. This feature can be part of the PLU record or it can be over-ridden or selected by using the Turn Label button on the Prepack Controller. The Model 707 will apply labels on the corner of the packages as shown below. The orientation of the labels is shown for the factory default settings. Either the leading edge of the package or trailing edge can be used for label placement. These factory default settings can be changed by a service technician.



Label Placement for Factory Default Settings

Note: The Model 707 is designed to accept trays in landscape orientation. Some trays that are more square can be fed into the Model 707 in either portrait or landscape orientation, but landscape is recommended.





For your notes

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Operating Instructions

Power Switches

	<p style="text-align: center;"> WARNING</p> <p>Keep hands clear of all the machines during power up. Some will run a self-test. During the self-tests, Infeed Belts are in motion and other motors are running. Do not place materials on the belts during this test. Keep hands clear of the machine during the test.</p>
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The Power Switch for the Model 707 is located on the side box by the discharge. Press on the top of the Power Switch and the red light will turn on.

The Model 317 printer Power Switch is located inside the door. Open the door and the switch is located on the back panel. Push this button to the #1 (on) position. The Scale Controller Power Switch is located on the rear of the unit. Press this button to the #1 (on) position.

Automatic Weighing And Labeling

Select a PLU number at the Prepack controller. The package delivery is determined by the PLU set-up. As the package is discharged from the wrapper, the front edge of the package conveys onto the first roller of the labeler. The labeler receives a signal from the first photoeye and powers the scale conveyor.

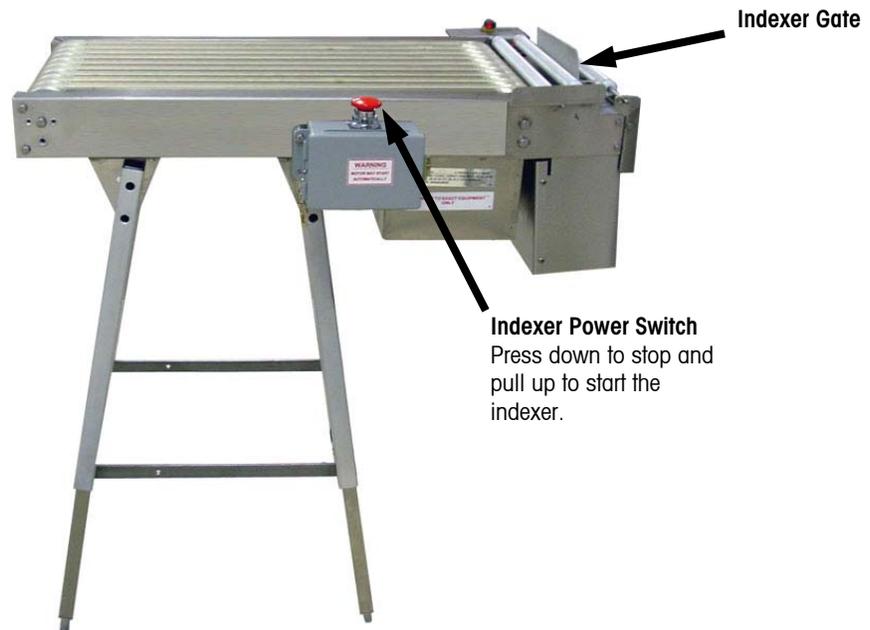
The Model 707 Labeler then signals the Prepack Controller. Label orientation, turned or not turned, is determined by how the PLU is programmed in the scale controller. The Model 707 AutoLabeler pauses for a 'weigh complete' signal from the Prepack controller. The package is then conveyed on the positioner conveyor into position for the price/weight label.

After the price label is applied, the package is conveyed to the end of the positioner conveyor and discharged.

Refer to your Prepack Controller User's Guide for more information on PLU setup and changes.

0925-0447 Indexer Option

If your system is equipped with the optional automatic indexer, the package feed into the Model 707 will be controlled by the indexer gate to provide a steady and controlled feed. The power switch and emergency stop is the red knob on the indexer side as shown below. To stop the indexer, press down on the red knob. To start the indexer, pull the knob up. When the power switch is up, the belts on the indexer will run continuously. When a package is detected by the photoeye, the gate will drop allowing the package to enter the Model 707 conveyor belt. The gate will stop the next package in line until the previous package has been correctly weighed.



0925-0447 Indexer

Manual Feeding Of Prewrapped Packages

Make sure that power to the labeler, printers, and scale controller is turned on.

Enter the PLU number on the scale controller.

Place package to be weighed and labeled over the first photo eye to activate the conveyor (Figure 2-1). If your system has the optional 0925-0447 Indexer, see below Figure 2-2. Repeat until all have been labeled.



Figure 2-1: Manual Feed (without Indexer)

If your system is using the optional indexer, place the packages on the indexer belt.



Figure 2-2: Manual Feed (with Indexer)

Manual Weighing & Label Application

Enter the PLU number in the Scale Controller. Next, select the 'LABEL MODE' field (bottom left of screen) on the Scale Controller. Toggle to the "MANUAL" mode. The conveying system will NOT turn on.

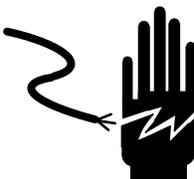
Place the package to be weighed on the scale conveyor belt to weigh the package.

After a stable weight is captured, the label will be printed. Remove the package and apply the label. Place the next package to be weighed on the scale and repeat the process.

3

Cleaning and Maintenance

Cleaning and regular maintenance of your Model 707 labeler will prolong the life of the unit and contribute to the ease of operation.

	 WARNING
	DISCONNECT ALL POWER TO THIS UNIT BEFORE INSTALLING, SERVICING, CLEANING, OR REMOVING THE FUSE. FAILURE TO DO SO COULD RESULT IN BODILY HARM AND/OR PROPERTY DAMAGE.

Disconnect power from the machine by pressing the Power Switch on the side of the machine to the off position and unplugging the line cord before any cleaning or maintenance of this unit. Use a clean cloth dampened with warm water to wipe the exterior surfaces. ***Do not spray liquids directly on the unit.*** Do not use solvents or cleaners on the unit.

Use a clean, damp cloth to wipe the dirt and grime off of the belts. Clean photoeyes of any grime or dirt. Remove any stray labels that may have fallen on the machine.



For your notes

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Before Calling for Service

Before calling for service, please check the following:

- Is the machine connected to a properly grounded outlet? Do the connections of the Printer, Controller and Wrapper look intact?
- Are the circuit breakers in store service panels in the "ON" position?
- Are all the switches in the Printers, Controller, and Wrapper or Belt Sealer in the "ON" position?
- Has the Model 707 Main power switch been turned OFF and then back ON?
- Has the Scale controller power switch and the Model 317 Printer power switch been turned OFF and then back ON?



For your notes

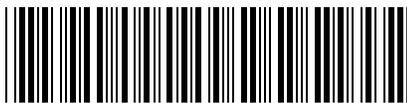


Mettler-Toledo, Inc.
1900 Polaris Parkway
Columbus, Ohio 43240
www.mt.com

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