

Model
706
Labeler
User's Guide

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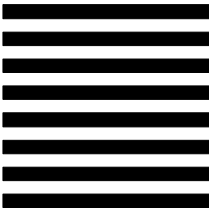
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Publication Revision History

An overview of this manual's revision history is compiled below.

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Publication Part Number: 15549800A Publication Date: 9/98

Part Number	Date	Revisions
15549800A	9/98	New Manual.

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.

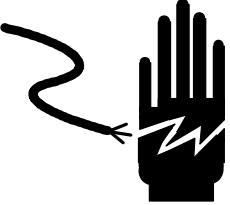

Be sure machine is connected to a properly grounded outlet of the correct voltage and amperage as specified on the data plate. **DO NOT USE ADAPTERS OR EXTENSION CORDS THAT BYPASS THE GROUNDING.**

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

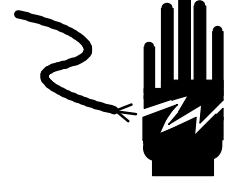

ALWAYS DISCONNECT THIS EQUIPMENT from the power source before cleaning or performing operator maintenance.

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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1

Introduction

The Model 706 Labeler is an in-line labeler designed for use in narrow rooms. The METTLER TOLEDO Model 706 Labeler (Factory Number 0001 & 0002) is designed to accept all packages wrapped by the Model 645 SOLO™ Plus and SOLO™ XL wrappers. The Model 706-0001 is designed for operation with a single Model 317 Price Label Printer. The Model 706-0002 is designed for operation with a Model 317 Price Label Printer and a Model 317 DayGlo Printer.

The Model 706 Labeler will automatically position trays for price/weight labels and DayGlo labels on the same unit. The maximum tray size that can be properly labeled by the Model 706 Labeler is 10-5/8 in. x 15-3/4 in. The minimum tray size is 4-3/4 in. x 4 in. All packages must be wrapped in a tray or container or have a flat bottom surface for proper weighing of the contents.

The Model 706 Labeler uses two photoeyes to position packages and control operation:

1. The first photoeye is used to sense when the package enters the scale conveyor. This photoeye also senses the trailing edge of the package to stop the package for application of the DayGlo label and weighing.
2. The second photoeye is used to sense the leading edge of the package to position it for application of the price/weight label.

If the Model 706 controller detects a problem, an error message will be displayed on the Model 8360/8361 Controller screen.

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

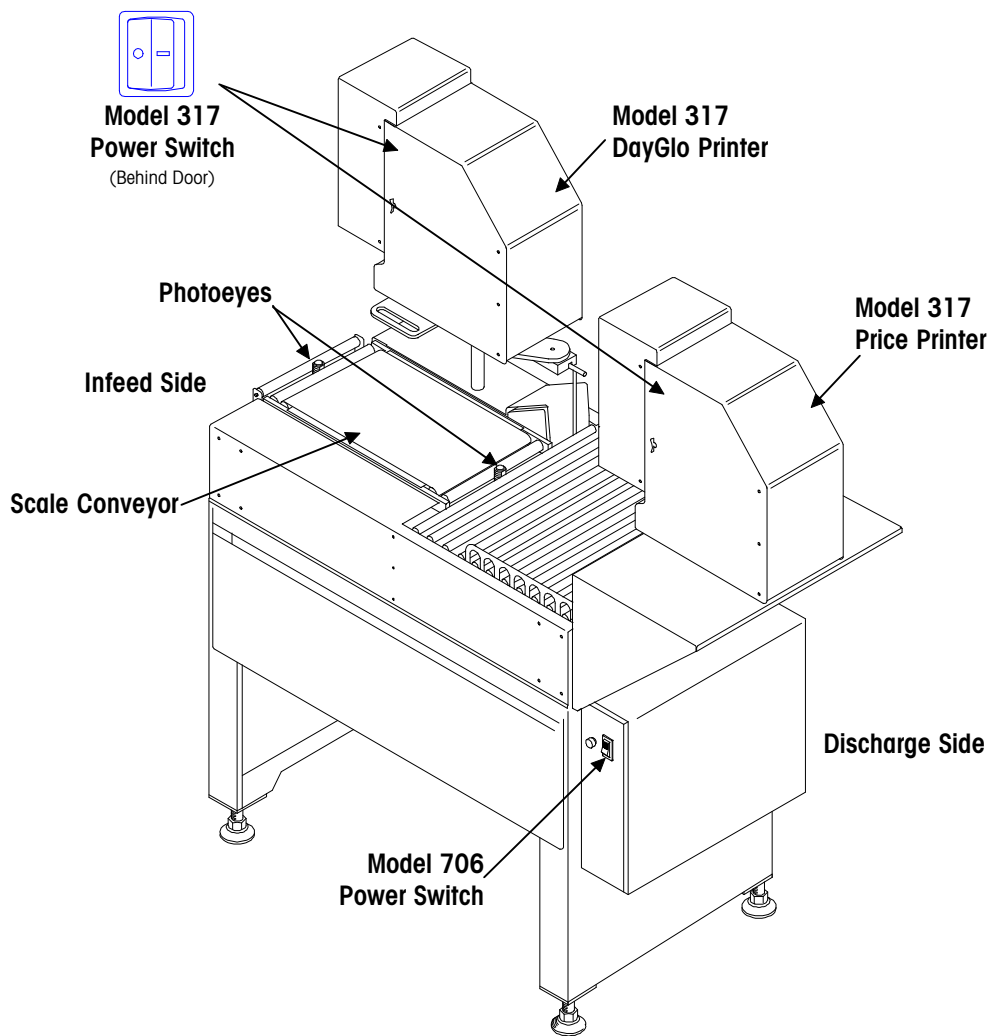
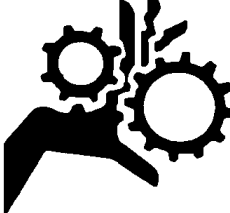



Figure 1-1: Model 706 Major Components

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Operating Instructions

Power Switches

	<p style="text-align: center;"> WARNING</p> <p>Keep hands clear of all the machines during powerup. 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 706 is located on the side box by the discharge. Press on the top of the Power Switch and the red light will turn on.

Power to the Model 706 Labeler, the Model 645 Wrapper, the Belt Sealer, the Model 8360/8361 Controller, and the Model 317 Printer(s) must be turned on.

The Power Switch for the Model 645 is located on the front right hand side (near the infeed). Turn the switch to the #1 (on) position. The Model 317 printer(s) 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 Model 8360/8361 Power Switch is located on the rear panel. Press this button to the #1 (on) position.

Automatic Weighing And Labeling

Position the Model 317 DayGlo printer over the scale conveyor.

Using the Model 8360/8361 Controller touch screen, enter a PLU number. The package delivery is determined by the PLU set-up. As the package is discharged from the Model 645 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 706 Labeler then signals the Model 8360/8361 Controller and Model 317 DayGlo Printer to print a DayGlo label if one is selected in the PLU record. Label orientation, turned or not turned, is determined by how the PLU is programmed in the Model 8360/8361 controller. The scale conveyor transports the package to the position for DayGlo label application. The Model 706 Labeler pauses for a 'weigh complete' signal from the Model 8360/8361 Controller. At this point, the DayGlo label is applied (if enabled). 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 Model 8360 or 8361 User's Guide for more information on PLU setup and changes.

Manual Feeding Of Prewrapped Packages

Make sure that power to the labeler, printers, and 8360/8361 controller is turned on.

Enter the PLU number on the 8360/8361 controller.

Place package to be weighed and labeled over the first photo eye to activate the scale conveyor. The printers will apply DayGlo and weight/price labels if both are programmed in the PLU setup in the 8360/8361 controller. Repeat until all have been labeled.

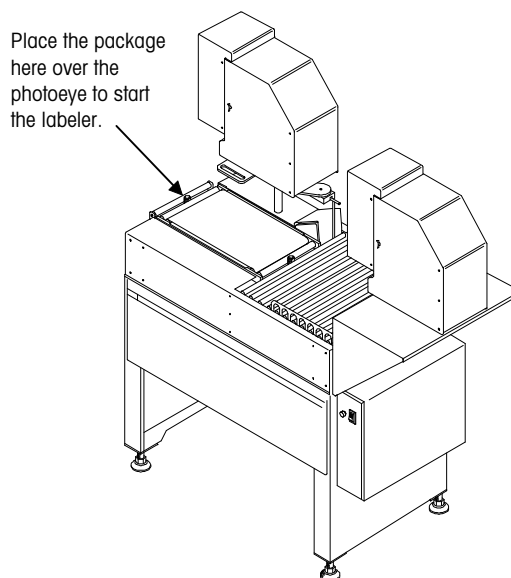


Figure 2-1: Manual Feed

Manual Weighing & Label Application

Enter the PLU number in the Model 8360/8361 Controller. Next, highlight the 'LABEL MODE' field (bottom left of screen) on the Model 8360/8361. Toggle to the "MANUAL" mode. The conveying system will NOT turn on.

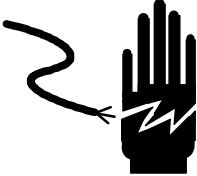
Place the package to be weighed on the scale conveyor belt to weigh the package.

After a stable weight is captured, DayGlo and weight/price labels will be printed. Remove the package and apply the label(s). Place the next package to be weighed on the scale and repeat the process.

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Cleaning and Maintenance

Cleaning and regular maintenance of your Model 706 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.

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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 Printers, 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 706 Main power switch been turned OFF and then back ON?
- Has the Model 8360/8361 controller power switch and the Model 317 Printer(s) power switch(s) been turned OFF and then back ON?

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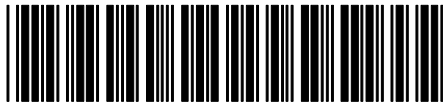
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350 West Wilson Bridge Road
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