

Model
705
Labeler
User's Guide

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METTLER TOLEDO

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INTRODUCTION

This publication is provided solely as a guide for individuals who have received Technical Training in servicing the METTLER TOLEDO product.

Information regarding METTLER TOLEDO Technical Training may be obtained by writing to:

METTLER TOLEDO
350 W. Wilson Bridge Road
Worthington, Ohio 43085
(614) 438-4511

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.

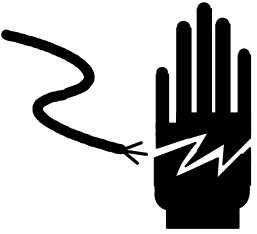

Be sure machine is connected to a properly grounded outlet of the correct voltage and amperage as specified on the data plate. **DO NOT USE ADAPTERS OR EXTENSION CORDS THAT BYPASS THE GROUNDING.**

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

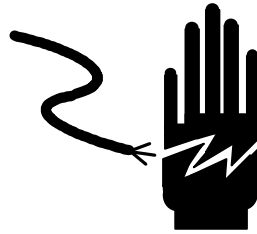

ALWAYS DISCONNECT THIS EQUIPMENT from the power source before cleaning or performing operator maintenance.

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 REMOVING THE FUSE OR SERVICING.

 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 Mettler Toledo Model 705 Labeler comes in two versions.

- The tall version (Factory Number 0001 & 0002) is designed to accept all packages wrapped by the 645 Solo Plus and Solo XL wrappers. Model 705-0001 is designed for operation with a Model 317 Label Printer. Model 705-0002 is designed for operation with a Model 317 Label Printer and a Model 317 DayGlo Printer.
- The short version (Factory Number 1001 & 1002) is designed for use with a Model 661 Hand Wrap and a Model 622 Belt Sealer. The Model 705-1001 is designed for operation with a Model 317 Label Printer. The Model 705-1002 is designed for operation with a Model 317 Label Printer and a Model 317 DayGlo Printer.

The Model 705 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 705 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 705 Labeler uses three photoeyes to position packages and control operation:

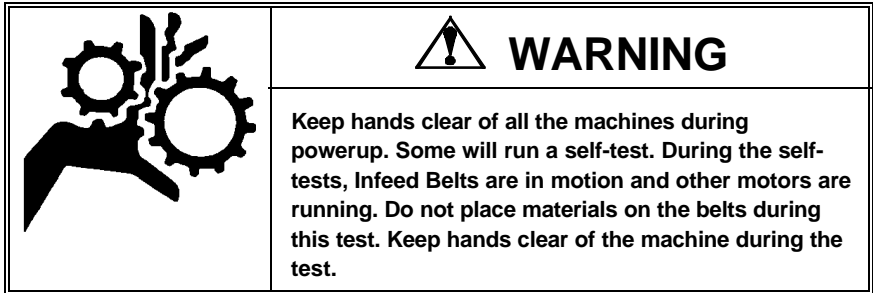
1. The first photoeye is used to sense when the package enters the 3-roller infeed conveyor. The Model 705 roller conveyors will then engage.
2. The second photoeye is used to sense the package length to stop the package for application of the DayGlo label. If the DayGlo printer is disabled or not installed, the package will not stop for placement.
3. The third photoeye is used to sense the edge of the package to position it for application of the price/weight label.

If the Model 705 controller detects a problem, it will display an error message on the Model 8360 Controller screen. Please follow any instructions on the Model 8360 Controller screen.

2

Operating Instructions

Power Switches



Power to the Model 705 Labeler, the Model 645 Wrapper or the Model 622 Belt Sealer, the Model 8360 Controller, and the Model 317 Printer(s) must be turned on.

The Power Switch for the Model 705 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 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 power switch for the Model 622 Belt Sealer is located behind the package backstop to the right of the Model 8360 support bracket. 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 Power Switch is located on the rear panel. Press this button to the #1 (on) position.

Automatic Weighing And Labeling

Using the Model 8360 Controller touch screen, enter a PLU number. The package delivery is determined by the PLU set-up. Packages should be placed squarely on the Model 622 Belt Sealer for proper label orientation. As the package is discharged from the Model 645 Wrapper or the Model 622 Belt Sealer, 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 three-roller conveyor.

The Model 705 Labeler then signals the Model 8360 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 controller. The infeed roller conveyor transports the package to the position for DayGlo label application. If a DayGlo label is not required, the package is conveyed to the scale bumper. The Model 705 Labeler pauses for a 'weigh complete' signal from the Model 8360 Controller. The package is then lowered onto the conveyor and conveyed into position for the price/weight label.

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

Refer to your Model 8360 Operator's Manual for more information on PLU setup and changes.

Manual Feeding Of Prewrapped Packages

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

Call up the PLU on the 8360 controller. Stand on the infeed side of the Model 705 Labeler.

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

Manual Weighing & Label Application

Power up the labeler, printers, and Model 8360 controller. Enter the PLU number on the Model 8360 Controller. Next, highlight the 'LABEL MODE' field (bottom left of screen) on the Model 8360. Toggle to the "MANUAL" mode. The conveying system will NOT turn on.

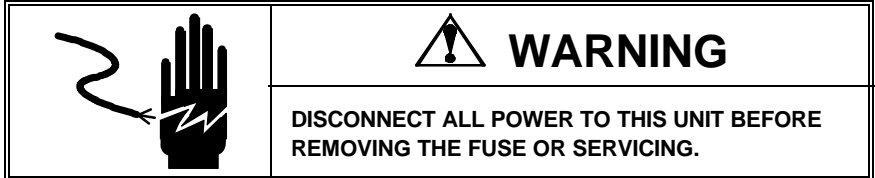
Standing in front of the system, place the package to be weighed on the scale conveyor roller section to weigh the package.

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.

3

Cleaning and Maintenance

Cleaning and regular maintenance of your Model 705 labeler will prolong the life of the unit and contribute to the ease of operation.



Disconnect power from the machine by turning off the Power Switch on the side of the machine 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.

4

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 705 Main power switch been turned OFF and then back ON?
- Has the Model 8360 controller power switch and the Model 317 Printer(s) power switch(s) been turned OFF and then back ON?

METTLER TOLEDO
Scales & Systems

350 West Wilson Bridge Road
Worthington, Ohio 43085-2273

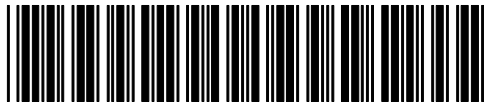
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