Technical Bulletin

Please Distribute to all Sales and Service Personnel

Mettler-Toledo, Inc.
Scales & Systems

Number: **MTFW 02-00**
Date: **01-25-00**
Model: **705 / 706**
Subject: **Software Changes**

This bulletin is being issued to advise you of the current software being supplied in 705 and 706 Autolabelers. Described here are some new softswitches and settings that are not included in the Autolabeler service manuals. Please add this document as an addendum to your 705 and 706 Autolabeler Service Manuals

705 Software   J82818600A

- A change was made to command for 702 to issue a label only if the package crosses the PE3 photoeye. This eliminates nuisance labels when the infeed photoeye gets blocked inadvertently such as when operators are double wrapping.
- A change was made to the scale logic to stop and weigh the package at the position where the Day-Glo label would be applied. This change was made to improve the scale settling time, enhancing in-motion repeatability performance. (Note: This change was introduced in the H Rev software.)
- The delay time for the price label to be applied was increased to allow the applicator to retract from the package before the conveyor belts would start to discharge the package. This prevents the applicator from getting hung up on shallow trays. (Note: This change was introduced in the H Rev software.)

706 Software   D82976400A

- Softswitch F-0 was added. This switch changes the speed of the labeler to match the speed of the wrapper. When set to "0", it runs at a normal speed of 17" per second to match the speed of the sealing belt on the 645 Solo Wrappers. When set to "1", it runs at a speed of 24" per second to match the speed of the sealing belt on the Mega Wrappers. This switch also changes the mode of communication to match the wrapper software. The faster speed may also be used with the 623 Sealing Belt in the Semi-Automatic configuration.
- The logic was changed so that the 702 would not issue a label unless a package had crossed the positioner photoeye. This is to eliminate stray labels caused by inadvertent tripping of the infeed photoeye by the operator.
- Softswitch F-11 was added. This addition also modifies the function of softswitch F-4. Softswitch F-4 now only controls package stop position in the normal label mode. Softswitch F-11 controls package stop position in the turn label mode. This change

allows more accurate placement of long labels (i.e. 3.3", 3.7", 4.2"…) in both normal and turn positions. (Note: This change was introduced in the C Rev software.)

- Softswitch F-30 was modified to include setting #2. This setting utilizes both package pushers to position the package before label application for more accurate label placement if the operator does not place the package in the center of the sealing belt. (Note: This change was introduced in the B Rev software.)