ISHIDA WM-Nano
Table Top Automatic Wrapper
Setup Manual

Rev 3, October 2012

Contents

Revision History

Revision	Date	Section	Description
1	July 2011		Initial publication
2	August 2011	5.3, 5.4 7.4 Apndx. B	Corrections for completion and exit Additions for "Adjust2" tab Additions for "Cycle Counter"
3	October 2012	--- 3 6 7.2, 7.4 7.5, 7.6 8 Apndx. B	General updates to f/w version B0684M / J0796L Add power and scale connections information Update Film Configuration and Setup procedures Update Function Key list and Tray Programming Add Standby Mode and PLU Wrap Parameters Add Calibration procedure Update reference list

1. Overview

The WM-Nano is a compact table top automatic wrapper. The Uni-7 scale provides the operator interface and prints labels that are applied to the wrapped package.

Refer to the *Uni-7 Series Setup Manual* to configure standard scale features such as communications, label formats, etc.

2. Firmware

This document was written for WM-Nano firmware version **B0684M**.

3. Connections

Connect power and scales cables to the WM-Nano.

3.1. Power

The WM-Nano requires 220 VAC single-phase power. Using 3/12 power cable connect the 220 VAC input power as listed below. See Figure 3.1.

   a. Green → Ground
   b. Black → 120 VAC -- "L"
   c. Black → 120 VAC -- "N"

   Caution: Measure and confirm voltage levels at the terminals before switching on the main power.
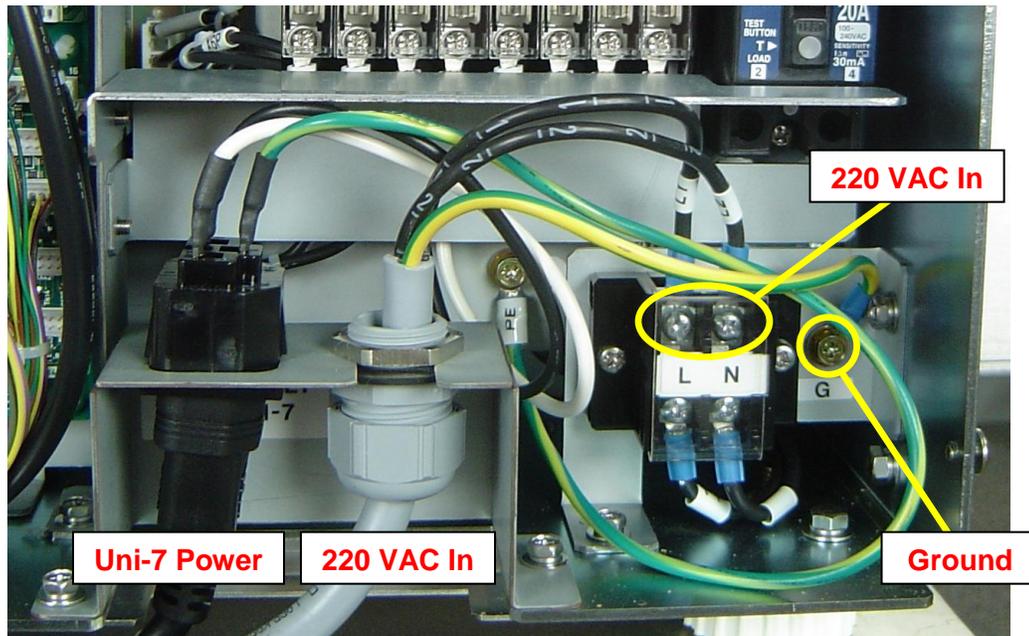
Figure 3.1. WM-Nano Power Connections

3.2. Scale Cables

Connect the three Uni-7 scale cables as indicated below.

a. **Power cord**.

   i.   Connect the power cord at the socket under the WM-Nano wrapper next to the 220 VAC power input. See Figure 3.1.
   ii. Mount the "U" plate using two screws to secure the Uni-7 power cord. See Figure 3.2.

iii. Tip up the Uni-7 to access the bottom. Plug the power cord into the socket.

iv. Mount the "L" plate using two screws to secure the Uni-7 power cord. See Figure 3.3.
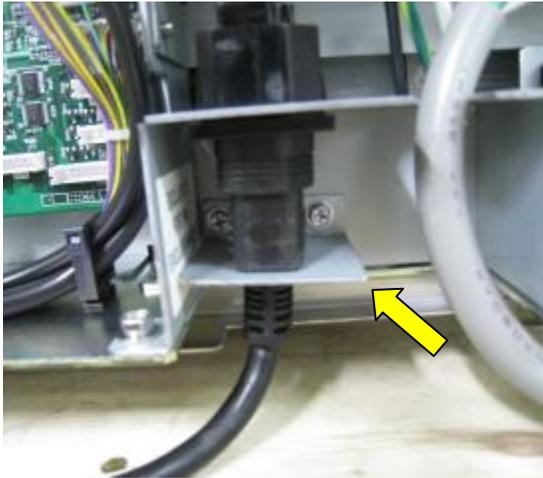
Figure 3.2. "U" Plate Securing Power Cord
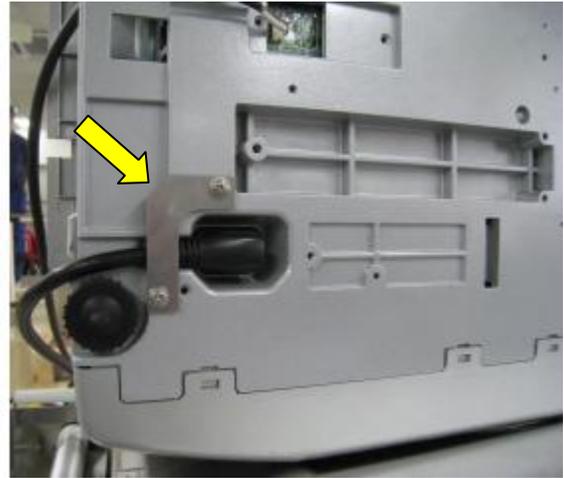
Figure 3.3. "L" Plate Securing Power Cord

b. **Scale cable**. Route the cable under the WM-Nano on the right side. A channel is provided to prevent the cable from being damaged. Continue the cable up the rear of the wrapper and under the Uni-7. Raise the door on the left side of the Uni-7 and connect the round snap-in connector. Use the four cable clamps to secure the cable to the wrapper body.

c. **Wrapper cable**. Route the wrapper communication cable up the back of the machine. Tip up the Uni-7 to access the bottom. Remove the metal access plate secured by two counter sink screws. Connect the cable and mount the access plate. Use the cable clamps to secure the cable. See Figure 3.4.

Figure 3.4. Wrapper to Scale Communication Cable Connection

4. Setup Menu and Adjust Menu Access

To access the Setup and Adjust menu steps, press **MODE**, enter the password **495344** then press the **PLU** key.

5. Firmware Update & Model selection

The main firmware version check and update procedure is the same as the Uni-7 scale. Refer to the *ISHIDA Uni-7 Series Setup Manual* for details. A second firmware for the "Pack Machine" is then loaded for the wrapper operation.

5.1. <u>Load the WM-Nano Main firmware</u> following the procedure in the *ISHIDA Uni-7 Series Setup Manual*.

5.2. <u>Clear the memory</u> following the procedure in the *ISHIDA Uni-7 Series Setup Manual*.

5.3. Configure the Uni-7 to operate with the WM-Nano Wrapper.

    a. Press the **MODE** key to enter the Main menu.

    b. Enter **495344** and press the **PLU** key to access hidden menu steps.

    c. Press the **ADJUST** menu button.

    d. Scroll down to the last page and select **MODEL** (page 3/3).

    e. Set the Model configuration as follows. See Figure 5.3.

- **Model Select** = UNI-7 RP.
- **WM-Nano** = CONNECT
- **WM-Nano Type** = L-TYPE
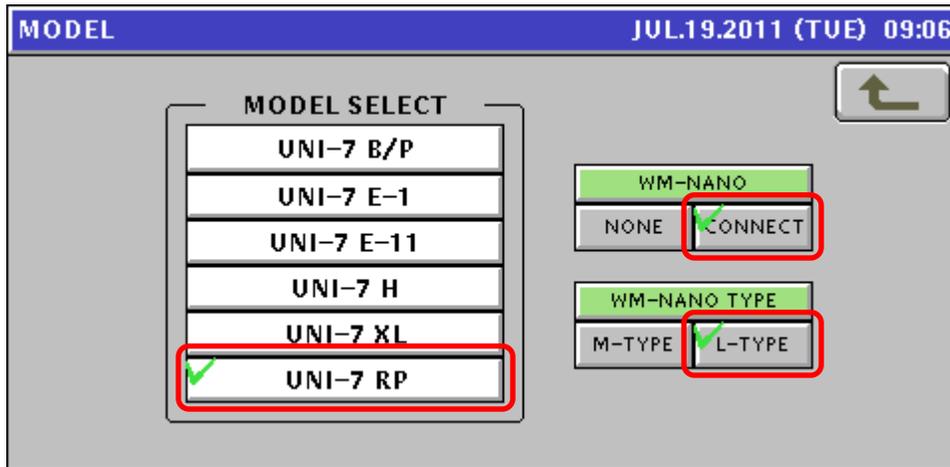
Figure 5.3. Model Selection – Uni-7 RP and WM-Nano

    f. Press the **RETURN ARROW** (top right).

    g. Turn off the **Main Power** at the prompt to reboot the machine.

5.4 <u>Load the WM-Nano Wrapper firmware</u> by the following procedure. The file is already in memory so a USB Memory Stick is not necessary.

    a. Press the **MODE** key to enter the Main menu.

    b. Enter **495344** and press the **PLU** key to access hidden menu steps.

    c. Press the **ADJUST** menu button.

    d. Scroll down and select **DOWNLOAD** (page 2/3).

    e. Press **OK** at the warning message "No USB Memory" (0396-0000).

    f. Press the **SUB** tab.

    g. Press the firmware version to be installed. It will be highlighted. See Figure 5.4.
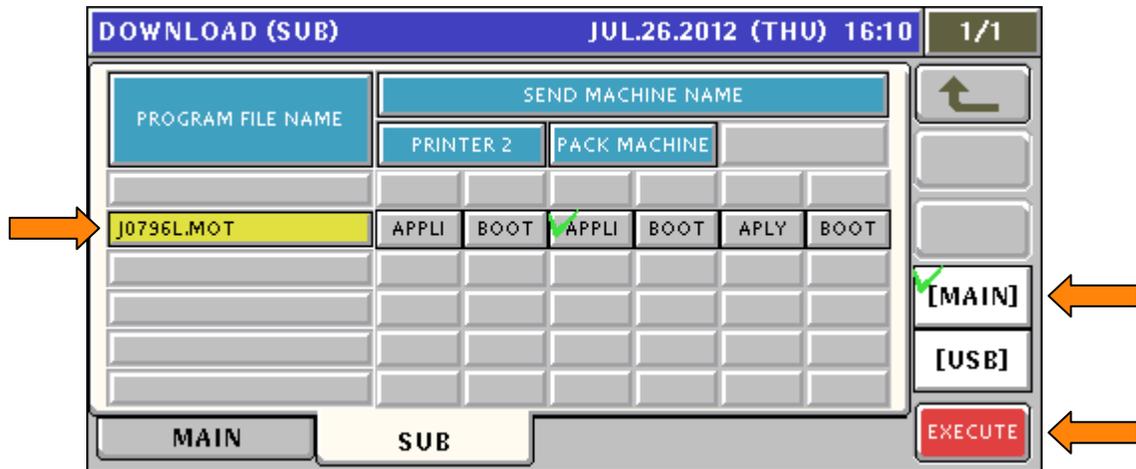
Figure 5.4. Download WM-Nano Application Firmware

    h.   Press **EXECUTE**.

    i.   Press **EXEC** to begin the firmware download.

    j.   The screen will show the firmware download progress.

    k.   When the download is complete press the **RETURN ARROW** (top right).

    l.   Press the **OPERATION** button (lower right) to return to Normal Operation mode.

6. Film Configuration

6.1. Film Loading

    6.1.1. ***Guide Adjustments***

        Film Roll widths from 16 to 22 inches may be used. The front and rear guides must be set to properly align the roll.

        a.   Place the film roll on the two rollers at the upper left side. The film must come from the bottom of the roll. See Figure 6.1.1.
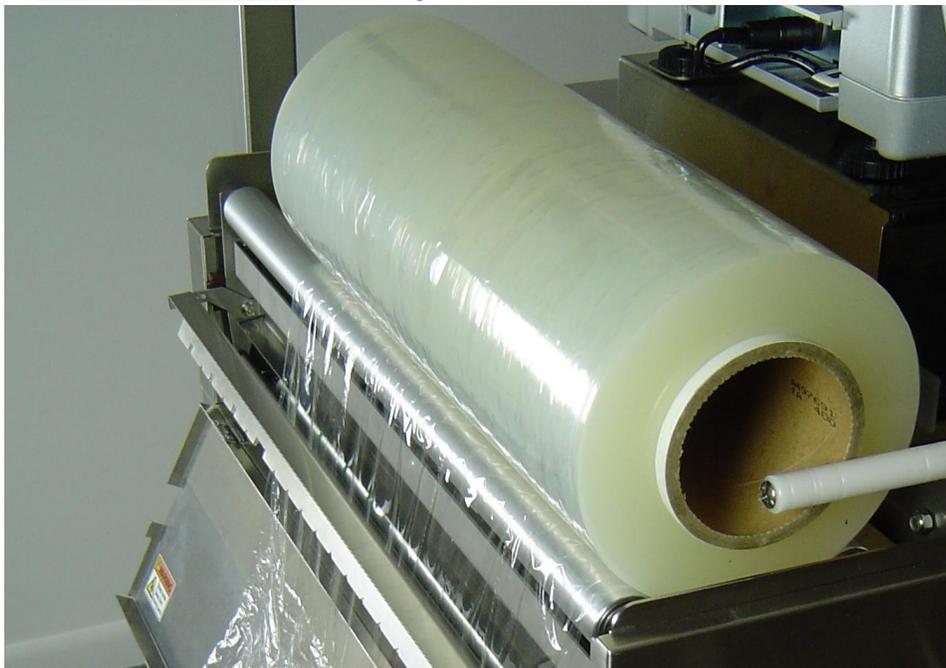
Figure 6.1.1. Film Roll Setting on Rollers and Coming off the Bottom

b. Adjust the Front Guide to align the front edge of the film with the edge of the Support Roller. See Figure 6.1.2.

> *Note*: For a 22-inch roll the film may overhang the front edge of the Polished Roller if necessary.
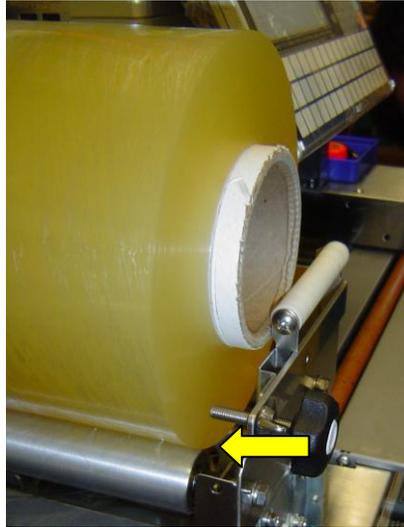
Figure 6.1.2. Front Roll Guide and Film Alignment

c. Adjust the Rear Guide to prevent the roll from moving toward the back of the wrapper. See Figure 6.1.3.

> *Notes*: ● The roll must turn freely; the Guide roller <u>should not touch</u> the core. Leave a 2mm gap between the core and the guide.
> ● The adjustment knob is accessed from inside from the front of the wrapper.

Figure 6.1.3. Rear Roll Guide

6.1.2. *Film Loading*

Follow the procedure below to load the film.

a. Lower the left side door.

b. Open (raise) the Film Loading Arm. See Figure 6.1.4.
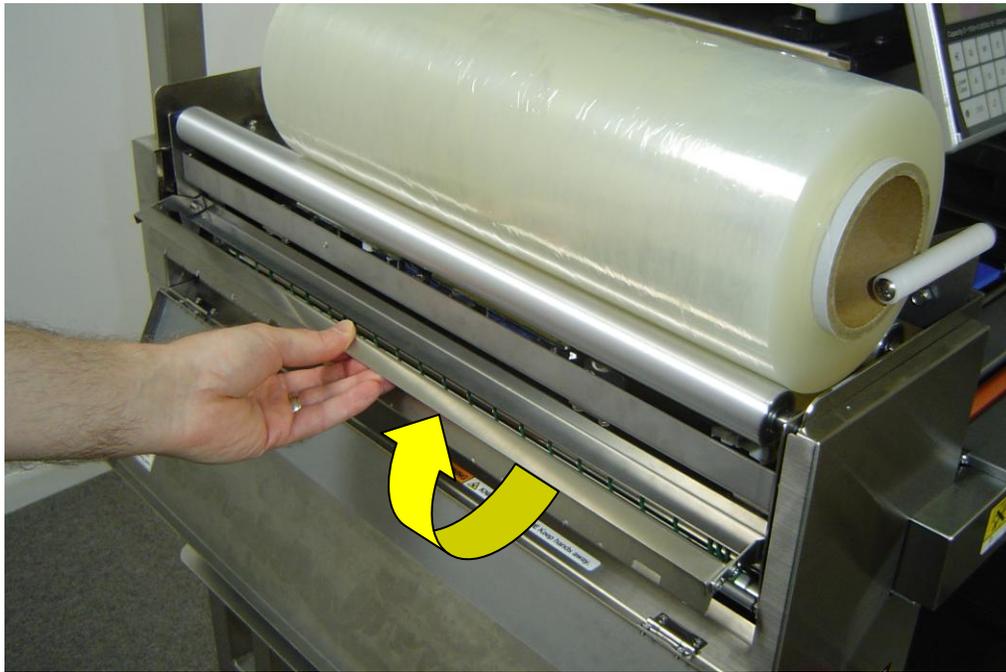
Figure 6.1.4. Raise the Film Loading Arm

c. Tuck the film behind the Film Loading Arm.
d. Pull the film down until the front and rear sides are straight. The sides should not taper inward.
e. Tear the excess film approximately halfway down the door with a relatively straight edge. See Figure 6.1.5.
f. Close the Film Loading Arm.
g. Fold any excess film on the flat surface behind the door hinges. Do not bunch the film. If the film is not flat it will not feed properly.

Figure 6.1.5. Tear the Film Straight

h. Close the left side door.
i. Press **FILM FEED** and remove the film.

6.2. Film Material (Type)

Select the appropriate film type.

a. Press the **MODE** key to enter the Main menu.
b. Enter **495344** and press the **PLU** key to access hidden menu steps.
c. Press the **ADJUST** menu button.
d. Scroll down to the last page and select **WRAPPER** (page 3/3).
e. Press the **ADJUST1** tab.
f. Set **FILM MATERIAL** = "1:PVC FILM" using the **>** or **<** keys. See Figure 6.2.1.
g. Proceed to step 6.3. "Film Centering (Right to Left)"
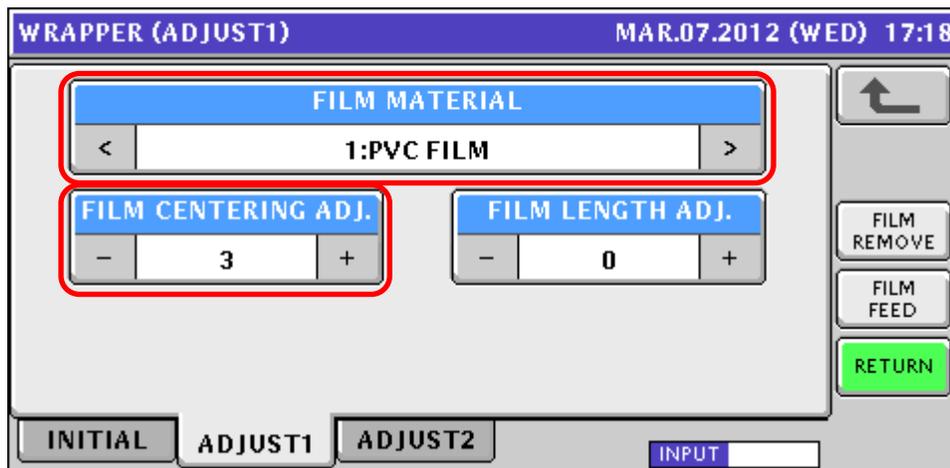
Figure 6.2.1. Film Material (Type) and Film Centering

6.3. Film Centering (Right to Left)

Adjust the film feeding so the sheet is centered on the opening.

a. Refer to step 6.2 to enter the **Wrapper (Adjust1)** page. See Figure 6.2.1.
b. Press **FILM FEED** to feed a sheet of film.
c. Check the film for centering on the interior wrapping area.
d. For **FILM CENTERING ADJ.** press **–** or **+** to adjust the feeding.
   - Press **–** to stop the film sheet sooner shifting it to the left
   - Press **+** to feed the film sheet longer and shift it to the right
e. Remove the film sheet and repeat from step b. until the film is centered.
f. Proceed to step 6.4. "Film Temperature Check".

6.4. Film Temperature Check

Configure the Film Temperature sensor to check if the WM-Nano interior has reached the designated temperature. A warning message is displayed when a tray is placed on the Infeed if the temperature is low.

a. Refer to step 6.2 to enter the **Wrapper (Adjust2)** page. See Figure 6.4.1.
b. Set **FILM TEMPERATURE CHECK** = YES to enable temperature checking.

   c. Enter the **LOWER LIMIT** temperature. If the wrapping area temperature is less than this setting a message is displayed when a tray is wrapped.

   d. Proceed to step 6.5. "Film Detection Check".
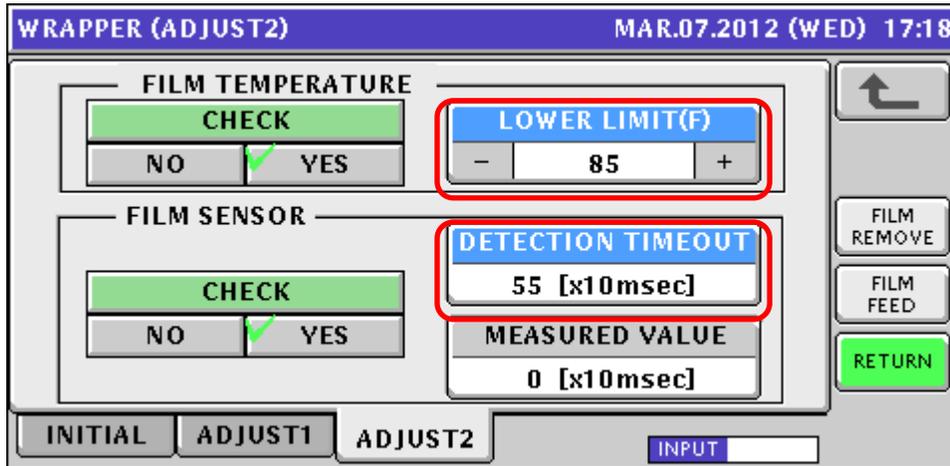
Figure 6.4.1. Film Temperature and "No Film" Sensor Timeout

6.5. Film Detection Check

Configure the "No Film" sensor to detect if film fails to feed. This prevents film wrapping around the Polished Film Feed Roller.

   a. Refer to step 6.2 to enter the **Wrapper (Adjust2)** page. See Figure 6.4.1.

   b. Set **FILM SENSOR CHECK** = YES to enable checking for "No Film" during film feeding.

   c. Press **FILM FEED** to feed a sheet of film.

   d. The **MEASURED VALUE** shows the time required to confirm film feeding.
      Note: If the Measured Time remains at zero enter a starting value of 70 in the Detection Timeout field and repeat from step c.

   e. Repeat film feeding at least <u>three times</u> to determine the average time.

   f. Add 10 to the maximum measured time for a margin of error and enter the amount in the **DETECTION TIMEOUT**.
      Example: Measured times are 44, 45, and 43. Add 10 to the max. value and enter 55.

   g. Press the **RETURN ARROW** (top right).

   h. Press the **OPERATION** button (lower right) to return to Normal Operation mode.

7. Configuration Settings

7.1. PLU Overwrite

Specify which changes by an operator are permanent. This is useful for wrapper settings that are not know prior to installation such as the tray linked to a PLU.

   a. Press the **MODE** key to enter the Main menu.

   b. Enter **495344** and press the **PLU** key to access hidden menu steps.

   c. Press the **SETUP** menu button.

   d. Scroll down and select **PLU OVERWRITE** (page 2/6).

   e. Scroll down to the last page (7/7). See Figure 7.1.

   f. Set the following three wrapper fields as desired. With a **YES** setting, temporary operator overrides will be saved as permanent changes.

- **TRAY NUMBER** → YES (tray linked to the PLU)
- **WRAP MODE** → NO (Wrap+Print, Wrap, or Print)
- **VOLUME** → YES (Height of tray contents)

Figure 7.1. PLU Overwrite Wrapper Settings

g. Press the **RETURN ARROW** (top right).
h. Press the **OPERATION** button (lower right) to return to Normal Operation mode.

7.2. Configure Wrapping Function Keys

Assign Wrapper Function keys to the keyboard. The functions of the keys are listed below.
Function keys can be assigned at the Uni-7 or by SLP-V.

a. Press the **MODE** key to enter the Main menu.
b. Enter the password if necessary and press the **PLU** key.
c. Press the **PROGRAM** menu button.
d. Select **PRESET KEY** (page 1/8).
e. Scroll down to a Function Group preset key page. After a full memory clear, page 5 of 12 is designated for Wrapper Function keys. See Figure 7.2.1

Figure 7.2.1. Wrapper Function Keys on a Function Group Preset Key Page

f. Assign the following Wrapper Function keys as desired. See Figure 7.2.2
- **RETURN** – Resets all mechanical components to home position

- **FILM FEED** – Feeds a sheet of film
- **WRAP ADJUST** – Accesses tray programming to adjust the wrapping quality
- **WRAP MODE** – Toggles between Wrap+Print, Print, and Wrap modes
- **TRAY** – Selects a tray assigned to a preset key
- **TRAY No.** – Used to select a tray, also displays the current tray's number
- **TRAY NAME** – Used to select a tray, also displays the current tray's name
- **HEATER ADJUST** – Used to set the Heaters On/Off and the temperatures
- **FILM REMOVE** – Used to remove film when a sheet is not fed properly
- **WRAP STATUS** – Indicates the Seal Bar temperature and displays any warning messages:
  - Blue: low temperature
  - Green: OK
  - Red: over temperature or warnings (open doors, E. Stop switch, etc.)
- **VOLUME** – Used to designate tall trays; prevents incorrect "hand in wrapper" errors
- **CLEANING** – Positions the Lift, Side Folders, and Infeed Pushers for end of day cleaning.

Figure 7.2.2. Wrapper Function Keys List

g. Press the **RETURN ARROW** (top right).
h. Press the **OPERATION** button (lower right) to return to Normal Operation mode.

Figure 7.2.3. Sample Wrapper Function Key Page

7.3. PLU Programming

Three wrap settings are available in the PLU File. Although these may be programmed in the PLU File it is preferable to allow the operator to set these items when *PLU Overwrite* is configured as described in section 7.1 above.

    a. Press the **MODE** key to enter the Main menu.
    b. If necessary enter the password and press the **PLU** key.
    c. Press the **PROGRAM** menu button.
    d. Select **PLU** (page 1/8).
    e. Enter a PLU number and press **PLU**.
    f. Press the **WRAP** tab.
    g. Select the appropriate settings for the PLU.   See Figure 7.3
- **WRAP MODE** – Use the **>** and **<** keys to select the mode: Wrap+Print, Wrap, or Print
- **TRAY NUMBER** – Press the button and select the tray from the list
- **VOLUME** – Set the volume as "3:HIGH" if the tray contents are taller than 2.5 inches. This will prevent the "Hand in Wrapper" (0448-0000) sensor warning message.

Figure 7.3. PLU Wrap Settings

    h. Repeat from step e. for additional PLUs.
    i. Press the **RETURN ARROW** two times (top right) to exit.
    j. Press the **OPERATION** button (lower right) to return to Normal Operation mode.

7.4. Tray Programming

Trays are programmed in the WM-Nano during initial setup then the operator selects the appropriate tray during wrapping. Following the steps below to program tray sizes and tare weights and adjust the wrapping quality.

    a. Press the **MODE** key to enter the Main menu.
    b. Enter the password if necessary and press the **PLU** key.
    c. Press the **PROGRAM** menu button.
    d. Scroll down to the last page and select **TRAY** (page 8/8).
    e. Enter a new tray number and press the **PLU** key, or select a tray from the list and press **DETAIL**.

f. On the **BASIC** tab enter the tray name, dimensions, weight, and volume.
    See Figure 7.4.1
    *   Press **EDIT** and enter a short name – usually the number found on the bottom of the tray, for example "9L".
    *   If the test tray is taller than 2.5 inches press **VOLUME** until "3:HIGH" is selected. This will prevent the "Hand in Wrapper" (0448-0000) sensor warning message.
        Note: This is a temporary setting used during tray programming. In operation mode the volume is set by PLU not by tray.
    *   Using the ruler located below the Tray Sealing Bar measure the tray's three dimensions and enter them: Length, Height, and Width.
        Note: The ruler is marked in centimeters but dimensions are entered in millimeters. Therefore, a value of 22.5 is entered as 225 – with no decimal point.
    *   Press **WEIGHT** and place the tray with any soaker pads on the scale. Press **TRAY WGT** to save the weight. Press **WEIGHT** again to deactivate the scale.
        IMPORTANT: Do not program tray tare weights in the tray file and the PLU file. If entered in both files the tare weight will be added together resulting in a double tare.
    *   Enter the weight of the film, usually 0.010 Lb and press **FILM WGT**.
        Note: The film weight is added as a tare weight when the Wrap mode is "PRINT" indicating the tray is already wrapped.
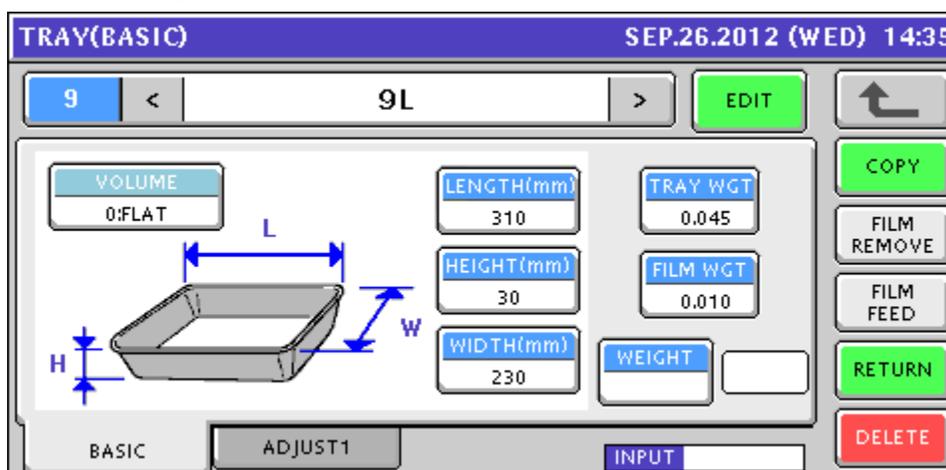
Figure 7.4.1. Basic Tray Settings

g. Test the wrapping by placing the filled tray on the Infeed Conveyor.
h. After the tray has moved to the lift press the **PLU** key to complete the wrap and discharge the tray.
    Note: If the tray does not enter the WM-Nano confirm the **WEIGHT** button is not active.
i. If the wrap is acceptable press the **RETURN ARROW** (top right).
j. Program or adjust another tray from step e. above or press the **RETURN ARROW** (top right) to exit Tray Programming.
k. If the wrap is not acceptable press the **ADJUST1** tab.
l. On the **ADJUST1** tab the tray wrap settings may be adjusted to improve the tray wrapping. See Figure 7.4.2
    *   Four Clamp settings are available to hold the film for more or less time during wrapping.

- o Press the **–** button to release the film sooner for a looser wrap.
- o Press the **+** button to hold the film longer for a tighter wrap.
  IMPORTANT: Set the clamp times at the minimum value to produce a satisfactory wrap. Excessive clamping will result in film pieces and premature wear.
- o FRONT CENTER – This clamp is the last to release. It holds the film and tray in place while the rear and sides are wrapped. This setting is usually 0 or higher.
- o FRONT LEFT/RIGHT – These two clamps work with the Rear Left/Right clamps to wrap the ends of the tray. This setting is usually 0 or higher.
- o REAR CENTER – This clamp holds the film while the Rear Folder moves under the tray. This is usually the weakest setting at 0 or less.
- o REAR LEFT/RIGHT – These two clamps work with the Rear Left/Right clamps to wrap the ends of the tray. This setting is typically matches the Front Left/Right setting.
- FILM LENGTH – If the tray contents are tall more film may be required. The length of film is increased or decreased by the **–** and **+** buttons. Typically if the tray ends are open the Film Length should be increased. For small trays the Film Length may be reduced to eliminate excess film on the bottom sides.
- L/R FOLDERS – The distance traveled by the Side Folders may be controlled to improve the tray's right and left end wrapping.
  < >: The side folders stop shorter under the tray ends.
  > <: The side folders move farther under the tray ends.

Figure 7.4.2. Tray Wrapping Adjust Settings

m. The **ADJUST2** tab provides access to two additional settings. See Figure 7.4.3
   Note: The **495344** service password must be entered at the main menu to access the ADJUST2 tab.
- CENTER ON – Do not adjust the centering.
- L/R FOLDER ON – Adjusts the start time of the side folders. Increasing the value adds more time thus delaying when the side folders begin to move.

- o Press **–** to start the side folders sooner (less delay)
- o Press **+** to start the side folders later (more delay)
- *Caution*: Starting the side folders sooner (negative values) may cause the side folders to stop prematurely as there is too much resistance from the film. Take care when reducing the L/R FOLDER ON time as it may cause a poor wrap when the side folders do not travel the full distance under the tray.
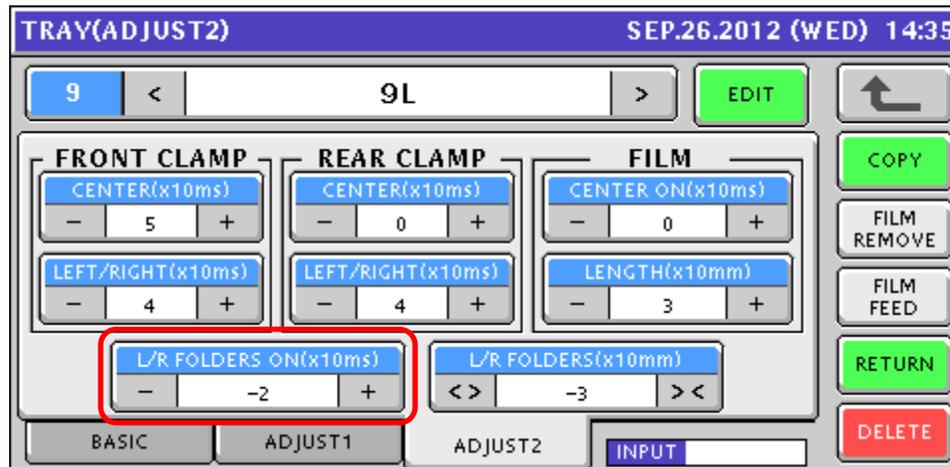
Figure 7.4.3. Tray Wrapping Advanced Adjust Settings

- n. Once the wrap is acceptable press the **RETURN ARROW** (top right).
- o. Program or adjust another tray from step e. above or press the **RETURN ARROW** (top right) to exit Tray Programming.
- p. Press the **OPERATION** button (lower right) to return to Normal Operation mode.

7.5. Standby Mode

The Standby Mode shuts off the display and heaters when the wrapper is not in use. This allows the wrapper to remain on overnight to maintain a stable temperature for the electronics. It is also ideal when remote PLU file maintenance is performed after hours. If the touchscreen or keyboard is pressed the wrapper will wake from Standby mode. Allow 30 minutes for the heaters to reach full temperature.

- a. Press the **MODE** key to enter the Main menu.
- b. Enter **495344** and press the **PLU** key to access hidden menu steps.
- c. Press the **SETUP** menu button.
- d. Scroll down to the last page and select **STANDBY** (page 6/6).
- e. Enter the settings as needed. See Figure 7.5.
  - **START TIMER** – The length of time the wrapper is unused before entering Standby mode. Enter the time in seconds. *Example*: 600 seconds = 10 minutes.
  - **START TIME** – The starting time the will enter Standby mode. Enter the time in a 24-hour format as HHMMSS. *Example*: 200000 = 8:00 PM.
  - **END TIME** – The end time when the wrapper returns to normal operation. Enter the time in a 24-hour format as HHMMSS. *Example*: 60000 = 6:00 AM.
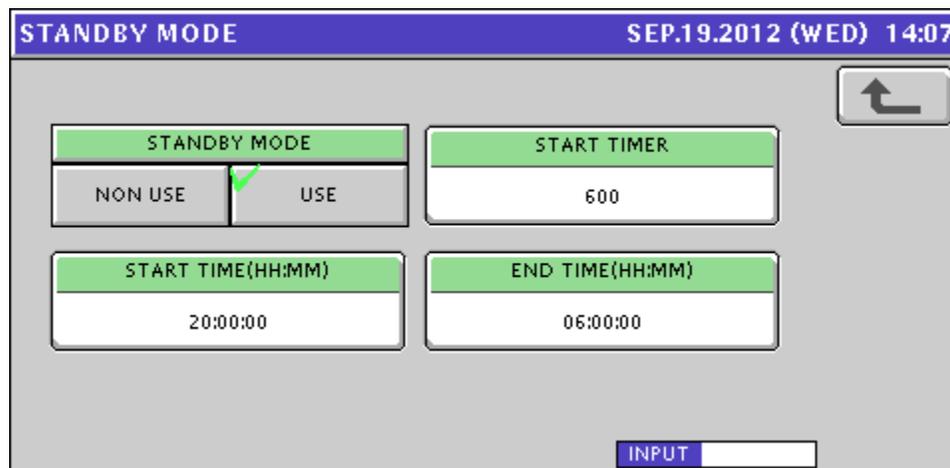
Figure 7.5. Standby Mode

7.6. PLU Wrap Parameters Download

The settings for Tray Number, Volume, and Wrap Mode are stored in each PLU (see section 7.3 PLU Programming above). These three items are normally set by the operator at the WM-Nano rather than downloaded in the PLU File. Use this step to prevent the settings from being overwritten when PLU updates are sent.

    a. Press the **MODE** key to enter the Main menu.
    b. Enter **495344** and press the **PLU** key to access hidden menu steps.
    c. Press the **SETUP** menu button.
    d. Scroll down and select **COUNTRY** (page 5/6).
    e. Press **MISC**.
    f. Set **PLU'S WRAP PARAMETER** as needed. See Figure 7.6.
- **RECEIVE** – Overwrite the WM-Nano's PLU wrap settings with those sent from the PC (default)
- **SKIP** – Ignore the PLU wrap settings sent from the PC (recommended)
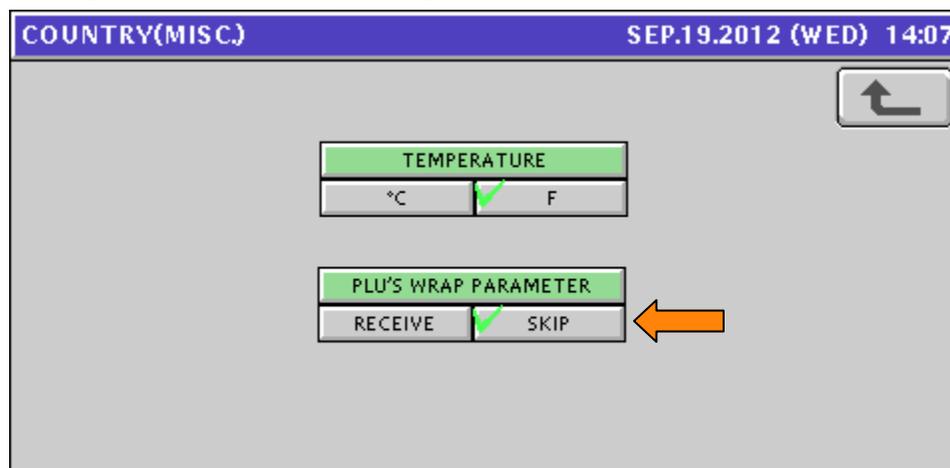
Figure 7.6. PLU Wrap Parameters Download

    g. Press the **RETURN ARROW** two times (top right).
    h. Press the **OPERATION** button (lower right) to return to Normal Operation mode.

8. Calibration

The WM-Nano should be powered up at least 30 minutes prior to calibration. Confirm the wrapper is level.   The wrapper and stand must be stable with the weight evenly distributed among the leveling feet to ensure accurate weighing and maximum speed.

    a. Press the **MODE** key to enter the Main menu.
    b. Enter **495344** and press the **PLU** key to access hidden menu steps.
    c. Press the **ADJUST** menu button.
    d. Scroll down and select **CALIBRATION** (page 2/3). See Figure 8.1.
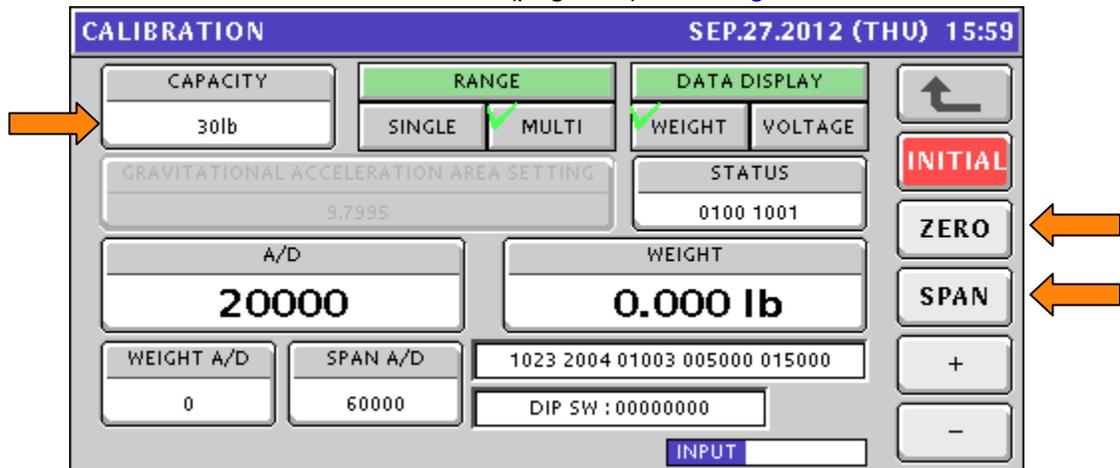
Figure 8.1. Calibration Screen

    e. Confirm the Capacity is "30 Lb" and the weight resolution is 0.005. If the Capacity is "15 Kg" or the weight resolution is 0.002 enter **495344** and press **MULTI** to reset.
    f. Press **ZERO** with no weight on the platter. The A/D count should be 20000.
    g. Place 30 pounds on the scale.
    h. Press **SPAN**. The A/D count should be 80000.
    i. Remove the weight and confirm the A/D counts return to 20000. If not, repeat steps f.-h.
    j. Press the Calibration Save button in the scale.
        i. Remove the Infeed Platter and Catch Tray.
        ii. Remove the Infeed front and left side covers.
        iii. If the scale is sealed remove the wire seal and the L plate covering the Calibration Save button.
        iv. Remove the seal sticker if present. See Figure 8.2.
        v. Press the Calibration Save button. See Figure 8.3.
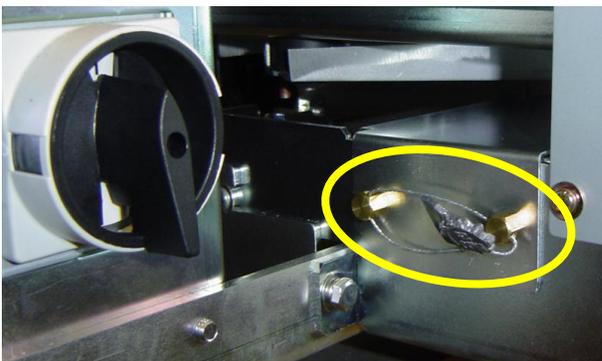
Figure 8.2. Calibration Seal Wire

Figure 8.3. Calibration Save Button

    k. Seal the scale.

        i. Place a <u>water tight sticker</u> or tape over the round Calibration Save button hole.

           IMPORTANT: The seal must be water tight to protect the A/D Board located in the scale base.

        ii. Install the L plate covering the Calibration Save button. Secure using two brass seal hex bolts.

        iii. Seal the scale as required. See Figure 8.2.

    l. Mount the Infeed front and left side covers.

    m. Place the Infeed Platter and Catch Tray in position.

    n. Press the **RETURN ARROW** two times (top right).

    o. Press **OK** at the Check Platter prompt.

    p. Press the **OPERATION** button (lower right) to return to Normal Operation mode.

    q. Check calibration.

Appendix A – Menu Structure

OPERATION		TOTAL		PROGRAM		SETUP		ADJUST
SALES	P1	DAILY TOTAL	P1	PLU	P1	MACHINE No. (COMMS)	P1	TIME / DATE
ACC1		WEEKLY TOTAL		CAMPAIGN		SALES MODE		TOUCH SCREEN
ACC2		CUMULATIVE TOTAL		OPERATORS		PASSWORD		DISPLAY CHECK
ACC3		TRACEABILITY TOTAL		PRESET KEY		KEY LOCK		KEY CHECK
TOTAL ADJUST		PRESET REPORT		AD MESSAGE		DATA STORAGE		FIRMWARE DETAILS
	P2	TOTAL CLEAR	P2	STORE	P2	PRESET REPORT	P2	MEMORY CLEAR
				DEPARTMENT		PLU OVERWRITE		PRINTER
				GROUP		PLU INITIAL DATA		CALIBRATION
				COOKING TIME		PLU UPDATE		DOWNLOAD
				NUTRITION		RECEIPT SETTING		OPTION CHECK
			P3	EXTRA MSG #1	P3	CASSETTE	P3	WRAPPER
				EXTRA MSG #2		LABEL SPEC.		UNIT TEST
				EXTRA MSG #3		LABEL FORMAT		DISPLAY CAPTURE
				COUPON MSG		BARCODE		MODEL
				POP MESSAGE		CUSTOM BARCODE		
			P4	LOOKUP TABLE	P4	MENU TITLES		
				FIX PRICE SYMBOL		OPERATION SETTINGS		
				FREE MSG #1		ERROR PROCESS		
				:		ERROR LOG		
			P7	FREE MSG #15		TRACEABILITY		
				CHECK LABEL	P5	DUAL CURRENCY		
				STAMP PRICE		PRICE ROUNDING		
				NUTRITION TEXT		FREQUENT SHOPPER		
			P8	TRAY		DATA DISTRIBUTION		
						COUNTRY		
					P6	FILE SAVE / LOAD		
						TAX		
						STANDBY MODE		

NOTES: Colored boxes indicate hidden menu steps.
Access by 495344 and [PLU] key from the main menu.

All items in black boxes can be password protected.
Refer to Setup menu, Password.

20

Refer to Appendix B. **Configuration Features with Menu Locations** for additional details to access certain "hidden" steps

Appendix B – Configuration Features with Menu Locations

Feature	Menu	Step	Comments
Auto PLU Call	Setup	Operation Setting	Auto PLU. Disable by func key: "Auto PLU"
Backup (by USB)	Setup	File Save/Load	"Scale>USB": backup, "USB>Scale": restore
Barcode Format	Setup	Barcode	POS Code, POS Format (Wgt) & Fix Price)
Barcode OCR	Setup	Barcode	POS Code, OCR Style (12/13 digits)
Calibration	Adjust	Calibration	
Cassette	Setup	Cassette	
Cleaning	Operation	---	Start – positions Lift, Folders, Infeed
Comms Check Timer	Setup	Machine No.(Comms)	PC Comm
Country	Setup	Country	951753+PLU
Cycle Counter	Adjust	Wrapper	Total Count: permanent, Per. Count: resettable
Date & Time	Adjust	Date Time	
Display Capture	Adjust	Display Capture	Press TARE, save to USB folder: "CAPTURE"
Dual-Range	Adjust	Calibration	495344+MULTI
Encryption	Setup	Machine No.(Comms)	WiFi
Error Log	Setup	Error Log	
Film Centering	Adjust	Wrapper	Adjust1
Film Temperature	Adjust	Wrapper	Adjust2
Forced Tare setting	Setup	Error Process	Issue ("Tare Weight Not Set")
Frequent Shopper	Setup	Freq. Shopper	Barcode price & FS Image
Freq Shop. Rounding	Setup	Price Rounding	
IP Address	Setup	Machine No.(Comms)	IP Addr
Key Vibrator	Adjust	Key Check	Vibrator
Kg	Setup	Country	495344+PLU, Detail, Weight, 14789632+PLU
Label Format	Setup	Label Format	
Language	Setup	Country	
MAC Address	Setup	Machine No.(Comms)	IP Addr (use for RF MAC Address filtering)
Maximum Tare	Setup	Country	495344+PLU, Detail, Weight, 14789632+PLU
Min. Print Weight	Setup	Country	495344+PLU, Detail, Weight, 951753+PLU
Memory Clear	Adjust	Memory Clear	
"No Film" Sensor	Adjust	Wrapper	Adjust2, "Film Feed" to measure feed time
Password Setup	Setup	Password	
PLU Auto Program	Setup	PLU Overwrite	Set temporary changes as permanent
PLU Update	Setup	PLU Update	Mass update of PLU File
Port Number	Setup	Machine No.(Comms)	PC Comm
Print Head Error	Setup	Error Process	Common (Error 0347-000x)
Sealing Temperature	Operation	----	"Heater Adjust" function key
Search Configuration	Setup	Operation Setting	Call, Find PLU (Recommended: LINE2)
Shelf Life: +1 Day	Setup	Country	495344+PLU, Detail, Date
Single-Range	Adjust	Calibration	495344+SINGLE
Spanish			See **Language**
Standby Mode	Setup	Standby Mode	Shuts off display and heaters
Tare Select	Setup	Operation Setting	Prod. (Select Tare1 or Tare2)
Temperature Unit	Setup	Country	MISC button
Tray Programming	Program	Tray	
Touchscreen Calib.	Operation	----	CLEAR 10 times (with no PLU called)
Wireless	Setup	Machine No.(Comms)	WiFi
Wrapper Check	Adjust	Unit Test	Check operation of wrapper components
Zero Price settings	Setup	Error Process	Issue

NOTE: Most Setup and Adjust menus are hidden.

Access by 495344 and [PLU] key from the main menu.