

WM-4000 Installation Check Off List

Step	✓	Procedure
Before Delivery		
1		Unpacking - Removal all packing materials
2		Install power cord (as needed) - Crimp lugs - Secure strain-relief
3		Transformer power tap settings - Measure incoming power - Set taps at closest power without going over: 208, 220, 240
4		Check operation - Test Mode, Wrapper/Applicator Adjust - Operate each component to confirm operation after shipment
5		Run In - If the wrapper has not been run for more than two weeks perform the following: o Remove the Lifts o Test Mode, Wrapper/Applicator Adjust, Appl Check o Run 10: Wrapper (R)+1 Appl and 12: Wrapper (L)+1 Appl for 15 minutes each
6		Check/Upgrade main firmware - Test Mode, ROM Version o Main Management Software: B0746A or later o Wrapper App: J0577F or later o Label App: B0516B or later o Detect App: J0630E or later - To update: remove CF card → copy firmware files to card → replace in wrapper
7		Clear memory (unless pre-programmed) - Test Mode, Memory Initialization
8		Check/Adjust the Lift Height - Test Mode, Wrapper Setup o Lifter Home Pos. → Green Belt is even with Lift Removal Handle and Fingers o Lifter Up Pos. → Rear Wrap Plate just clears Lift Fingers
9		Perform Auto Adjustment (wrap & discharge timing) - Test Mode, Wrapper Setup, "Auto Adjustment"
10		Film Setup [Right + Left sides] - Check & Adjust Film Roll Stop Position → Test Mode, Wrapper Setup, Page o Large film, full roll: film position at 1:00 – 2:00 o Small film, full roll: film position at 10:00 – 11:00 - Check & Adjust Film Roll Grip Spikes o Confirm four (4) deep holes → adjust as needed (2.5mm allen hex wrench) - Check & Adjust front film alignment o Confirm film is 0mm to 5mm from the front edge of the first Polished Roller o Adjust as needed (3mm allen hex wrench)
11		Program IP Address → System Menu, TCP/IP Setup
12		Load Data Files - If available load by CF card, Maintenance Utility / i-Support, or SLP-5 / SLP-V o PLU file, Function Keys, Presets, etc. o Tray file o Label Formats o Logo Images (Note: these are not saved on the CF Card backup) - By CF card → System Menu, CF File I/O, "--> Main"

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13		Labels <ul style="list-style-type: none"> - Adjust Label path width → center the labels Right/Left - Edit label format as needed → SLP-V or SLP-5 (System Menu, Format Setup) - Set format number → System Menu, Label Comb, Format Change, Format No. - Check / Adjust label pickup rollers → labels must not curl up - Check Label Gap sensor graph → Test Mode, Print Adjustment, 2000, Preset - Set threshold 2/3 up the "spike" → Test Mode, Print Adjustment, Std. Value - Test / Adjust label pick up <ul style="list-style-type: none"> o Amount of label on backing paper → Test Mode, Printer Adjust, Feed (Stop) o Label Pickup Position → Test Mode, Applicator Adjustment (L/R, B/F, D/U) o Testing picking and applying → Test Mode, Applicator Adjustment (Cont. Run)
14		Calibrate Camera <ul style="list-style-type: none"> - Test Mode, Auto Verification Adjust - Initialize the Camera → Page, 3, Mode, 0, Analog, 0, Cyan, Initial, Exec (3 times) - Center the Camera → 1, Mode, use the Arrows (place a label under the platter) - Calibrate the Camera → 3, Mode, Analog (down to 10), Cyan (up to 150) <ul style="list-style-type: none"> → LED as needed: 1, Analog, Cyan, 0-15, Initial, Exec - Flicker check → Page, tray on platter - Auto Verifi. Adj. → Page, 20/30/40mm tray on platter, Lateral = 0, set Len + Width
15		Set Discharge Pusher profile <ul style="list-style-type: none"> - Adjust two Pusher sections to the profile of the deepest tray
16		Tray Programming <ul style="list-style-type: none"> - Program or adjust trays → Program Menu, Tray File (1/2 Wrap) - Set Label Position → Program Menu, Tray File, Page (2/2 Label)
17		Remove Lift Fingers <ul style="list-style-type: none"> - Remove any fingers that are not needed to support trays
18		Install membrane 10-Key cover
19		Miscellaneous Programming <ul style="list-style-type: none"> - Time/Date → Test Mode, Time & Date - Store Name & Address → Program Menu, Store Name - Function Keys <ul style="list-style-type: none"> o Program Menu, Function Key: Label Chng, Auto Tray, Infeed Spd, Prep Clean, Volume, Label Pos., Return, Film Feed, Calculator, Dial Adjust, Error Log, etc. o Program Menu, Numerical Key: Ex Msg, Label Fmt, Logo Image, etc. - Category Keys → Program Menu, Category Presets
20		Miscellaneous Settings <ul style="list-style-type: none"> - Film Centering → System Menu, Wrap Machine - Film Width → System Menu, Wrap Machine: Left = 50, Right = 35 - Auto Program → System Menu, Auto Program <ul style="list-style-type: none"> o Infeed Speed, Tray Volume, Auto Detect, & Tray Number = Yes - Tare by PC comms: in PLU or Tray → System Menu, System Data, "Use SLP Tare" - Save Linked Trays → System Menu, System Data (Pg.2), "PLU Receive Select" - Shelf Life: +1 Day → System Menu, System Data (Pg.2), "Date Cal" - Barcode <ul style="list-style-type: none"> o Print Format → System Menu, System Data (Pg.2), OCR Print / Barcode Print o Format → Setup Menu (Pg.2) [999], Barcode Setup - PLU Name → Setup Menu (Pg.2) [999], "Item Name Over" - Thermal Head Error → Setup Menu (Pg.2) [999], "Thermal Head Cut Err Display" - Zero Price → Setup Menu (Pg.2) [999], "Price 0 Error" - Open Price → Setup Menu, Reference Data - Passwords → Setup Menu, Passwords Set - Totals → Setup Menu, Totals Set, "Tray Total", etc. = Add
21		Data Backup <ul style="list-style-type: none"> - Perform backup to a CF card → System Menu, CF File I/O, "Main -->"

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Before Delivery		
22		Packing for transport → Refer to WM-4000 Packing Instructions for Transport Bulletin <ul style="list-style-type: none"> - Raise Lift before removing power → add cardboard block under Lift - Thread level legs - Remove Film and Labels - Secure all moveable components <ul style="list-style-type: none"> o Label Applicator o Infeed conveyor - Lower and secure the Exit Stock Conveyor - Wrap main body and printer with film – securing all doors - Secure with straps: <ul style="list-style-type: none"> o Above the takeaway conveyors and below the E. Stop button o Through the caster support legs o DO NOT place straps above or below the Infeed Conveyor - Lower the Level Legs

Step	✓	Procedure
At The Store		
1		Unpacking <ul style="list-style-type: none"> - Remove packing material - Install conveyors, etc. as needed
2		Transformer power tap settings <ul style="list-style-type: none"> - Measure incoming power - Set taps at closest power: 208, 220, 240
3		Position Wrapper <ul style="list-style-type: none"> - Locate the wrapper to minimize strong shadows on the scale platter - Place wrapper with 2-foot of clearance on right and left sides - Place rotary tub / pack off table / take away conveyor for comfortable work flow - Level the wrapper with weight evenly distributed on all four legs - Secure jamb nuts to lock legs
4		Calibrate Scale → Test Mode, Calibration
5		Set Film [Right + Left] <ul style="list-style-type: none"> - Load film rolls - Adjust Film Roll temperature → roll should feel "room temperature" (60F or more)
6		Labels <ul style="list-style-type: none"> - Load labels → confirm consistent pick and application (See #13 in Before Delivery)
7		Seal Heater Temperature (340F max) <ul style="list-style-type: none"> - Operation mode, "Dial adjust" - or, System Menu, Wrapper Setting, "Heater Temp."
8		Recalibrate Camera → See #14 in Before Delivery
9		Trays <ul style="list-style-type: none"> - Test all trays with actual product at wrapping temperature - Program or adjust trays - Redetect each tray → Program Menu, Tray File, Manual, Tray Detect
10		Test Scan Labels – print labels and verify scanning
11		Communication <ul style="list-style-type: none"> - Program IP Address → System Menu, TCP/IP Setup - Verify connection to store network
12		Data Backup <ul style="list-style-type: none"> - Perform backup by CF card, Maintenance Utility / i-Support, or SLP-5 / SLP-V - Note: Logo Images are not saved on the CF Card backup

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Step	✓	Procedure
Training & Operation		
1		Basic Operator Training <ul style="list-style-type: none"> - Start with the basics → DO NOT overwhelm the operator(s) - Show the operator how to: <ul style="list-style-type: none"> ○ Recall PLUs ○ Select trays ○ Review the touch screen to confirm the information is correct - Then let the operator go to work
2		When things slow down, explain other features: <ul style="list-style-type: none"> - PLU search - Price change - Date change, etc. - Other two modes <ul style="list-style-type: none"> ○ Wrap only ○ Label only
3		Continue Training <ul style="list-style-type: none"> - Demonstrate then have each operator do the following: - Film change <ul style="list-style-type: none"> ○ Emphasize minimum film and no bunching ○ Show how to gently remove film to avoid Film Detect sensor damage - Label change <ul style="list-style-type: none"> ○ Including cleaning the thermal head with each roll change
4		Eventually <ul style="list-style-type: none"> - Make sure the RETURN key is understood - Cover error conditions like Tray Detection, Film Over, etc. and how to recover
5		Cleaning <ul style="list-style-type: none"> - Review procedure following Daily Cleanup laminated cards