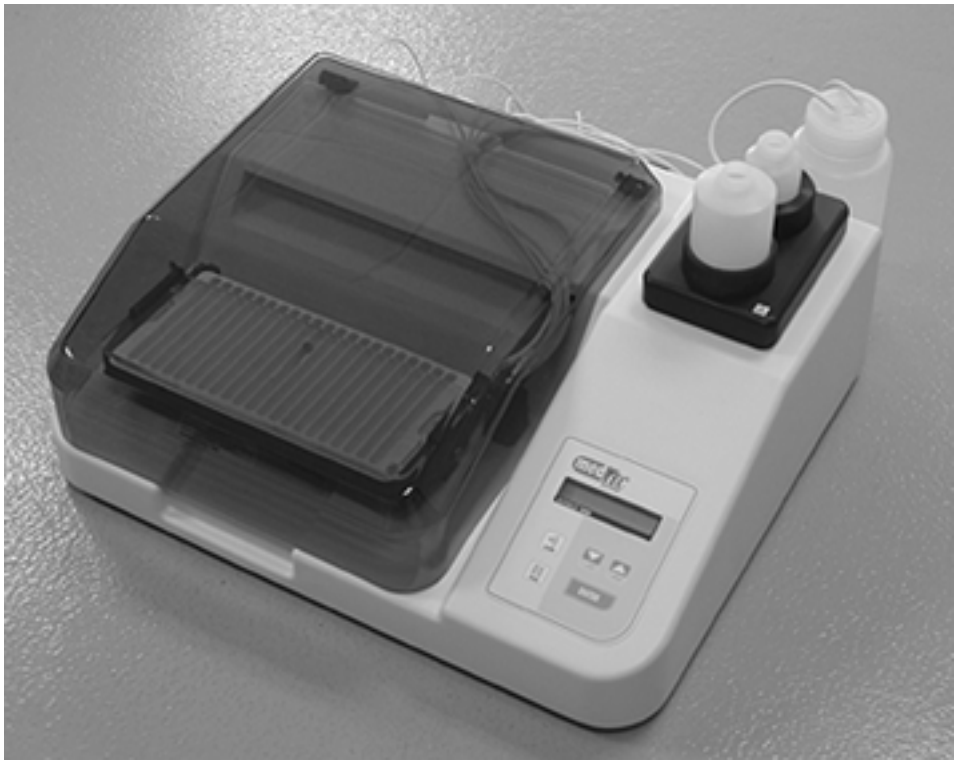
# *AutoBlot 3000H*

## Guide to Operation



**MedTec, Inc.**
**November 2010**

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# CONTENTS

# SETTING UP THE AUTOBLOT 3000H

## General Description

The AutoBlot 3000H fully automates the Western blot assay. Following the manual addition of test samples, the AutoBlot incubates, washes, and performs subsequent reagent additions as defined by the operator during the programming phase. It permits easy setup with walk-away performance, sounding an alarm when the test is complete.

The 3000H model has a heated platform, magnetic stirrer, and heated bottle plate for hybridizations and stringent washes that require heat.

The unit is fully programmable from the front panel and stores up to ten protocols within the unit, allowing for full customization of blot assays for dispense, incubation, and aspiration.

The AutoBlot dispenses and aspirates up to twenty strips in 90 seconds. This means the automated assay runs as quickly as the manual assay. The 3000H comes standard with six pumps.

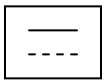
CE The 3000H complies with the essential requirements of the applicable European laws or Directives with respect to safety, health, environment and consumer protection.

## Safety

The AutoBlot 3000H is designed for safe operation. However, for your safety and the safety of others, the AutoBlot should be operated as specified in the Guide to Operations. Failure to do so could result in injury to yourself or others, or damage to the equipment. There are various symbols on the unit relating to safety.

The international CAUTION label on the back of the unit indicates a potentially hazardous situation that could result in injury. You must refer to the Guide to Operations for instructions on the proper use and operation of the AutoBlot.

The international HOT SURFACE label on the heated platform bottle heater block indicates surfaces that are hot to the touch.



The black DIRECT CURRENT symbol printed on the serial number label indicates the unit runs on DC power.

**Cautionary Note:** If the event that a motor locks up while the AutoBlot is running, an alarm sounds and an error message displays. There is no danger to the operator should this occur. Refer to the Troubleshooting section for suggestions on corrective action.

## Normal Environmental Conditions

The AutoBlot 3000H is designed to be safe under the following environmental conditions.

- Indoor use.
- Altitude up to 2000m.
- Temperature 5°C to 40°C.
- Maximum relative humidity 80% for temperatures up to 31°C decreasing linearly to 50% relative humidity at 40°.
- MAINS supply voltage fluctuations up to ±10% of the nominal voltage.
- Transient overvoltages typically present on the MAINS supply.
- Applicable RATED POLLUTION 2 degree.
- Category II installation.

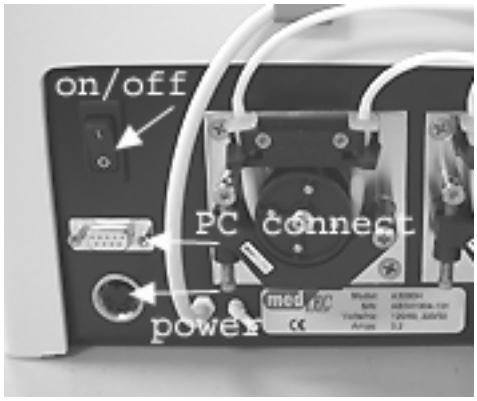
## Unpacking the AutoBlot 3000H

Carefully unpack the instrument and inspect for damage that may have occurred during shipping. Notify the carrier immediately if there is any damage. **Save all packaging** in the event the instrument needs to be shipped or moved, or if the unit needs to be stored for a long period of time.

**Box Labeling:** The shipping box is labeled to indicate the following:


- the instrument must remain flat and packaged with the arrow indicating which end is up.
- the instrument is fragile and must be handled carefully.
- the shipping box is not waterproof.

Place the AutoBlot on a level work surface. Verify that the voltage shown on the manufacturer's label is the same as the voltage in your facility. Connect the power cord to the external power supply (the unit comes standard with a 24VDC, 5.41 A max power supply. DO NOT use another power supply – this could present a hazard). Plug the power supply into the back of the unit. Connect the power cord to a grounded receptacle.




**NOTE:** It is important that the AutoBlot 3000H is set up in a location that is away from windows and radiators and free from drafts. It is temperature sensitive.

The AutoBlot uses a power supply that permits a wide range of voltages and frequencies. Although line conditioners and surge protection are not required, the instrument may be plugged into either.

Turn the AutoBlot on by pressing the ON/OFF switch on the back of the unit. "**O**" represents OFF and "**I**" represents ON. The dispense arm moves to home position and the screen displays the company name and software version number.

Attach the two (2) aspirate tubes to the fittings on the lid of the waste bottle. The tubes are labeled "Connect to Waste Bottle". Either tube can connect to either of the fittings.

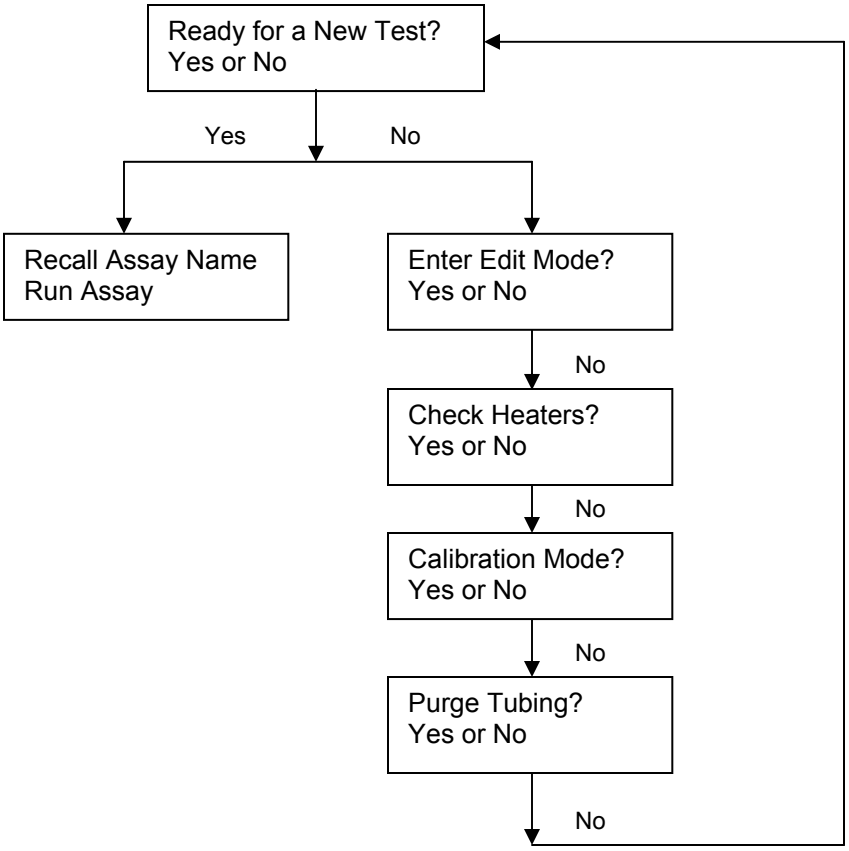
Included with your unit are 4-6 clear straws that can be attached to the end of the tubing that goes into the bottles. These straws help the tubing stay down in the bottle. Cut the flexible tubes to the minimum length needed to place the tubing in the bottles. The shorter the tubing, the less volume is required when priming the pumps.

## Keypad Conventions

There are five (5) keys on the keypad.


- **ENTER** is used to make a selection or to tell the AutoBlot to proceed with a process.
- **ALARM** silences alarms that turn on at various stages in the program.
- **PAUSE** accesses various functions during a run, such as stop rocking, prime the pumps, temperature display and skip a step.
- The **YES** and **NO** arrow keys are used to select numbers and to accept or decline a process.

## Design of the AutoBlot 3000H System




**Ready for a New Test** is the first prompt you receive when the AutoBlot is turned on. From here you can recall and run a previously programmed assay. This routine also contains the Pump Prime routine.

**Edit Mode** is used for programming the steps of a new assay or editing the steps of a previously programmed assay (see Programming an Assay on page 15).

**Check Heaters** is used to validate that the heaters and heater ribbon cable are working properly.

**Calibration Mode** is used to calibrate the volume dispensed from each pump. The platform temperature can also be verified in the Calibration routine.

**Purge Tubing** is used to clean and empty the pump lines after an assay run (see Purge Tubing Routine on page 20).

## Validating for Cross Contamination

Before running patient samples, the instrument needs to be validated for the absence of cross channel contamination with each manufacturers' Western blot kit. To validate the instrument, run a complete panel with alternating negative and positive controls. Check for any positive bands that show up in the negative controls.

# RUNNING AN ASSAY

## Prepare for an Assay Run

Before beginning an actual assay, there are a few things that must be prepared first.

- **Mix the reagents.**
- **Wash all of the bottles thoroughly with DI water. Fill the bottles.**
- **Lock the pump pressure pads in place.**
- **Prepare the samples.**

## Start the Test

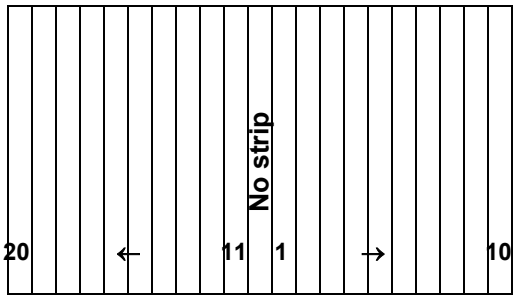
Press YES at the *Ready for a New Test?* prompt. Select the assay to be run from the list of available pre-defined assay programs. If your assay is not listed, program it now (see Programming an Assay on page 15), then return to this section for instructions on running the test.

The AutoBlot starts pre-heating the tray platform and bottle plate as soon as an assay is selected. It is important that the aspirate cover remains closed during preheat. In addition, the reagent bottles should be in place on the heated bottle plate. While the system is preheating (approx 30-45 minutes) denature your samples and load the tray with strips. **NOTE:** If you receive an error message during preheat, check the heaters using the Check Heater Routine. This routine runs a one minute resistance test that checks the heaters and the heater ribbon cable. If you still receive this error message after running the Check Heater Routine, change the platform ribbon cable and then run the test again.

Prime the pumps (each pump must be primed before running an assay in order to introduce liquid into the pump lines). Follow the prompts to prime each pump. During the priming routine press YES multiple times until fluid dispenses into the drip tray. The first time you press YES the pump dispenses 2 ml into the line. Each subsequent time you press YES the pump dispenses 1 ml. Once a pump is primed, press NO to move on to the next pump to be primed. You will only need to prime the pumps before the first assay run of the day. Once liquid is introduced into each line there is no need to prime again.

Indicate the number of strips to be run by using the arrow keys to increment through the numbers on the display.

Load the strips into the tray. Strips 1-10 are loaded beginning in the trough immediately to the right of the center well (do not place strips in the center well. Strips 11-20 are loaded beginning in the trough immediately to the left of the center well.



It is important that you prepare enough solution to dispense into the troughs that contain strips as well as into the center trough and in one additional trough next to the last strip. In order to regulate the temperature, liquid is dispensed into the center trough and in one empty trough just aside the last strip. For example, if strips are placed in troughs 1-13, liquid dispenses in the center trough and in trough 14.
Now add the prepared samples.

When the platform has reached operating temperature (there is a countdown timer on the display), you will be prompted *"Start Assay".*
Press ENTER at this prompt.

Now you are prompted *"Load Tray".* Press ENTER at this prompt to turn off the heater while you are loading the tray. Open the aspirate lid and place the loaded tray onto the heated platform. The time that the heater is turned off for loading trays should be kept to a minimum (5-10 seconds) in order to make sure the platform temperature does not drop.

After the tray is loaded, close the tray lid and press ENTER at the *"Close Tray Cover"* prompt to turn the heater back on.

As the automatic processing of the protocol begins, the various steps of the assay are displayed on the front of the instrument. Prompts come on at various points of the assay run instructing you to prepare samples, and to add reagents (if programmed for manual addition of reagents).

## Positive and Negative Controls

Positive or negative controls should be placed in the troughs farthest from the aspirate arm drip tray; the negative control should be the furthest from the tray (looking at the front of the unit, these controls will be to the far left). This ensures that any problems (i.e. incorrect arm movement, loss of reagent, cross contamination) show up in the controls.

## The PAUSE Key

The PAUSE key may be pressed any time the tray platform is rocking (the tray rocks during incubation) in order to tweeze a strip, prime a pump, or skip to another step in the program.

| | |
|---|---|
| ***1:Stop Rocking*** | Temporarily stops the platform from rocking. |
| ***2:Prime Pumps?*** | Enter the Pump Prime Routine. |
| ***3:Temp=*** | Displays the temperature after 10 minutes into a heated step. |

**Note:** 2:Prime and 3:Temp are not available while the instrument is dispensing or aspirating.

## Resetting the AutoBlot

To reset the AutoBlot, simply turn the instrument off. The instrument must be off for at least six (6) seconds in order for it to reset. When the AutoBlot is turned back on it displays *Continue Test?.* Press NO to reset the instrument to the beginning of the test. Press YES to continue the assay at the point the AutoBlot was turned off.

## Power Off

If power is lost for less than five (5) seconds, the test continues automatically when power returns. If power is off for longer than five (5) seconds the unit displays how long the power has been off and prompts *Continue Test?.* Press YES to continue the assay at the point power was lost. Press NO to reset the unit.

## End of Assay Alarm

The end-of-assay alarm comes on at the completion of an assay. Press ALARM to turn off this alarm and acknowledge the end of the assay. The alarm automatically turns off after two (2) minutes and then prompts *Purge Tubing?* If you have completed all assay runs for the day, it is important the tubing be cleaned via the Purge Tubing (see Purge Tubing on page 20). If you have another assay to run, press NO to skip the Purge Routine and begin another assay.

**Overnight Assays:** If you run an assay overnight that will finish before you arrive the next day, set your last step to a single DI rinse cycle with the aspiration turned off. This way the DI water remains in the tray overnight so the strips do not dry out. When you return the next day the system prompts you to aspirate the tray to complete the assay.

# PROGRAMMING AN ASSAY

Most units come pre-programmed with your specific assay. Typically, pre-programmed assays from the manufacturer are locked and cannot be edited. If the AutoBlot does not have your assay already stored in its' memory, create the assay in Edit Mode. To enter Edit Mode, press NO at *Ready for a New Test?*, then press YES at *Enter Edit Mode?* Use the arrow keys to scroll through the list of assays. Each assay is listed with a corresponding assay number (1 through 10). A previously defined assay can be selected for editing, or a new assay can be programmed by selecting an assay with the name EMPTY. Press ENTER to make your selection.

You also have the ability to change the assay name. An assay name can be up to five characters long, including blanks. Press ENTER to select a letter or number and advance to the next letter space. The AutoBlot stores up to ten programs in memory. Once an assay is saved, simply recall it after *Ready For a New Test?* and begin. If modifications are needed, recall the assay in Edit Mode, and make the changes. To save a change, simply make the change and press ENTER.

**NOTE:** If your assay is pre-loaded and locked, you cannot unlock it, change the pumps names, or change the assay. You can, however, change the assay name and view the assay steps.

## Assay Steps

Assay programs in the AutoBlot are made up of a series of individual steps, or tasks, that are defined through the Edit routine. For example, a step might be a substrate incubation or a DI Rinse. The steps that define the assay are selected from a list of available steps displayed while in Edit Mode. Incubation times, reagent volumes, rocking speeds, and cycles are also defined at this time. Define each step in your assay by toggling through the choices using the arrow keys. Press ENTER to accept the step name. Save the assay routine by exiting Edit Mode.

| Step Name | Description |
|---|---|
| EMPTY | Defining a step as "empty" ends the program at that point. Use only when modifying previously defined assays. |
| SKIP | Skip a step in a previously defined assay. |
| SOAK | A Soak step dispenses solution into the trays and then prompts you to add the strips. |
| SAMPL | A Sample incubation step prompts you to add samples. |
| WASH, DIH2O, SUBST, CONJ1, CONJ2, HYBRD | Default step names that can be customized for your specific assay requirements. To rename the pumps, go to *Enter Edit Mode* and press PAUSE. Scroll through the options until you find *Change Pump Names*. |
| PUMP1, PUMP2, PUMP3, PUMP4, PUMP5, PUMP6 | Additional pump names for assays requiring steps other than already defined in your custom assays. |

**NOTE:** If you program an unheated step between two heated steps, then the unheated step should be no longer than one (1) minute in duration or the heater shuts off and the fans turn on (to cool the unit). It is important that a consistent temperature be maintained for your heated cycles.

## Alarms

The following alarms can be programmed into an assay:

### Assay Step Alarm

The Assay Step Alarm turns on before the beginning of an incubation cycle. The first alarm comes on five (5) minutes before the end of the prior step and is an indication to prepare the reagent. Press the ALARM key to turn off this alarm. A second alarm will come on as a reminder to prime the pump.

### Variable Substrate Incubation Alarm

The Substrate Variable Incubation feature should be utilized for assays where the color development time is variable and some operator interaction is necessary in order to fully develop the bands. The variable substrate option is available only when a substrate step is defined. In order to do this, one of the custom pump names must be SUBST. Variable substrate allows you to observe the bands as they develop on the strip and to control the length of incubation as these bands develop.

If a variable incubation time is selected an alarm sounds at the end of the incubation time, giving you the option to continue the incubation or end it. If variable substrate incubation is used, be sure to program the minimum incubation time to allow time for band development.

The Variable Substrate Alarm comes on at the end of the preset incubation time. Press ALARM to turn this alarm off.

The AutoBlot then prompts:

***Continue Incubation***
***Press No to Stop***

Substrate incubation continues until NO is pressed.

## Edit Mode PAUSE

When PAUSE is pressed at the *Enter Edit Mode?* prompt, the AutoBlot enters a routine where the following features can be changed:

| | |
|---|---|
| **Erase An Assay** | Erase an assay. |
| **Change Pump Names** | Change the custom pump names. **NOTE:** if your pre-programmed assays are locked, then you cannot change the pump names. |
| **Lock Assay** | Lock an assay so it cannot be changed or erased (can be unlocked here also). **NOTE:** An assay that has been locked by the manufacturer cannot be unlocked. |
| **Modify Alarm** | Change the cycle time of the alarm (how long the alarm stays on/off). |
| **Temperature Offset** | Raise or lower the temperature up to 1°C in increments of 1/2° (generally used for developmental purposes only). |
| **Denature Timer** | If set to YES, there will be a five (5) minute timer for denaturing the samples. Denaturing should be done on the bench, not on the instrument. |

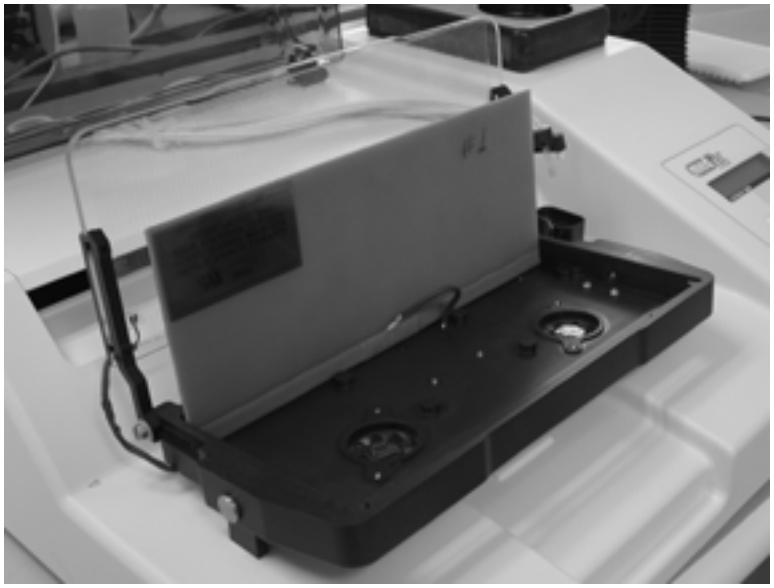
# MAINTENANCE

The AutoBlot is relatively maintenance-free. However, there are several tasks that should be performed at the end of each day's run in order to keep the instrument in good working condition. In addition, it is recommended that the AutoBlot receive a more thorough Preventive Maintenance checkup annually by a MedTec trained Service Technician.

## Daily Maintenance

- Wipe down the instrument with a damp paper towel.

- Lift the tray cover and the orange heater pad. Wipe off any spills on the tray platform under the heater.



- Using isopropyl alcohol, wipe off the surfaces of the aspirate arm and dispense arm.

- Wash out all bottles to ensure a clean solution for the next assay. Use DI water and a 2% bleach solution as recommended on page 20.

- Clean both the aspirate and dispense tips with an alcohol swab. These tips must be kept clean in order to prevent clogs and to ensure that fluids are properly aspirated and dispensed. In order to prevent possible contamination, **DO NOT** use the same swab on the dispense tips that was used on the aspirate tips.

- Purge tubing (see below) when you are finished using the instrument for the day. You will also be prompted to wipe out the drip tray.

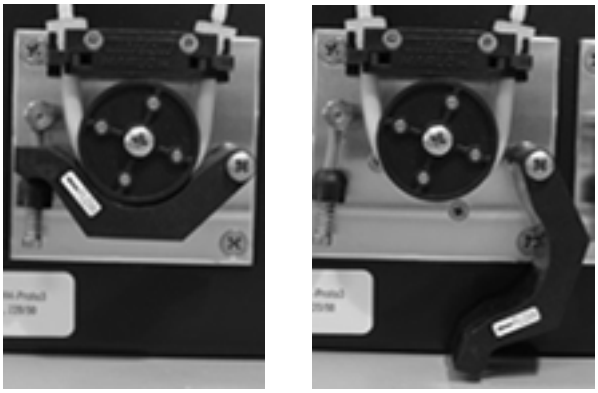
## Purge Tubing Routine

The tubing should be kept clean to ensure good pumping action. Use the Purge Tubing Routine to clear the pump tubing after the completion of an assay. Each pump should be purged. This routine is accessed at the completion of an assay or after the Pump Calibration Routine.

Lift the pump tubes free of all bottles. Place all of the tubes into a bottle of appropriate cleaning solution and press ENTER at the *Place Tubes in Cleaner* prompt. It is recommended you use a 2% bleach solution (2 ml of generic brand bleach to 98 ml DI water) or a commercially available preparation that will not interfere with the assay but still remove any latent bacteria. The bleach should be standard 5% sodium hypochlorite, no scents, no dyes. The tubes will soak in the cleaning solution for five minutes to disinfect the tubes and then you will be prompted to *Put Tubes in DI.*

Place the tubes into a bottle of DI water and press ENTER. The system dispenses DI water through each pump tube and soaks the tubes for five minutes in order to dissolve any accumulation of salts. Then DI water is pumped through each tube again and the system prompts *Remove Tubes From DI.* Remove the tubes from the bottle of DI and place them on a clean paper towel. Press ENTER and the tubes will be pumped dry. The system now prompts *Clean Drip Tray.* Wipe out the drip tray. Press ENTER when it is clean and the system prompts *Release Press Pad.*

Unlock the pressure pads on the pumps so the tubing can relax and press ENTER to complete the Purge Tubing Routine.



**Pump Pressure Pad**
**Locked** **Unlocked**

## Weekly Maintenance

- Verify aspiration timing. This can be done during an assay run. Lift the aspirate shield and observe the aspirate and dispense cycles. Make sure that each trough is emptied 1-2 seconds before the arm lifts up and moves to the next trough.

## Annual Maintenance

- In order to keep your AutoBlot in top working condition, it is recommended that it receive a Preventive Maintenance (PM) Checkup once a year. During a PM, new tubing is installed, the pumps are recalibrated, the instrument is lubricated and cleaned, the heaters are recalibrated, and the software is upgraded to the latest version (as required). All PM's and Service must be performed by a MedTec trained Service Technician in order to maintain warranty coverage.

- Validate the platform temperature. Call the MedTec Service Department for details on how to perform this validation.

- Replace the platform ribbon cable (it is located under the tray platform). In order to ensure the platform heaters are working properly, this ribbon cable should be changed every 12 months. The ribbon cable can be ordered directly from the manufacturer. See Parts and Contact Information on page 29.

- Calibrate the pumps. The Pump Calibration Routine is used to adjust the "on" time of each pump. This allows for differences in how the tubing was installed in the pump, pump wear over time, and manufacturing tolerances. It is best to recheck the calibration annually **or whenever pump tubing is replaced.**

  To calibrate the pumps, press NO at *Enter Edit Mode?* and NO again at *Check Heaters?* If the tubing is new, exercise the tubing for proper break-in. Follow the prompts in pump calibration for exercising (see page 23 Exercising the Tubing).

  Prime the pumps before calibrating them (the AutoBlot will prompt you to do this before the routine begins). **NOTE:** Before the pumps are calibrated, make sure the pressure pads have been locked for at least one (1) hour in order to approximate real-life operating conditions. Disconnect the tubing from the dispense arm and place it in a 50ml graduated cylinder. Begin dispensing. The AutoBlot will prompt you to enter the amount actually dispensed. At that point the system makes calibrations and the routine will continue until exactly 40ml's is dispensed. Press ENTER to complete the calibration routine.

## Tubing Replacement Kits

Tube replacement kits are available from MedTec. The tubing in these kits is cut to the proper length and marked for proper alignment. **NOTE: Proper tube lengths and installation are critical for proper performance of the arm assembly.** When you order a Tubing Kit from MedTec you will receive detailed instructions on how to replace the tubing.

### Pump Tubing

The pump tubing is the short length of tubing that wraps around the pump. The pump tubing manufacturer gives a tubing life of approximately 1000 hours.

The pump tubing should be changed as follows (sooner if it breaks or gets dirty):

| | |
|---|---|
| light use (1-2 assays/week) | change every two years |
| heavy use (1-2 assays/day) | change every year |

**NOTE: If the pump tubing is replaced the pumps must be exercised and recalibrated using the Pump Calibration Routine.**

### Exercising the Tubing

When new tubing is installed the pump delivery volumes will vary slightly until the tubing has relaxed into its new configuration around the pump rotor. In order to accelerate this process, the instrument has an Exercise Routine that automatically cycles through each pump. This Exercise Routine is accessed through the Pump Calibration Routine as follows:

Press No at *Ready for a New Test?.*
Press NO at *Enter Edit Mode?*
Press YES at *Calibrate Pumps?*

Be sure to have the pump pads locked in place and do not use any fluid in the system while exercising the tubing (the aspiration pump is turned off during this routine). **The tubing that is installed on the instrument does not need to be exercised. All tubing is exercised by the manufacturer before the instrument is shipped.**

## Battery Life

The AutoBlot 3000H is equipped with a rechargeable lithium battery that has a shelf-life of one (1) year. If the AutoBlot is stored for more than one year, the unit should be removed from the shipping box, power connected, and the unit turned on and left powered for at least sixty (60) hours in order to recharge the battery. Replacement of the battery should only be done by a qualified service technician.

# TROUBLESHOOTING GUIDE

In the event you are experiencing problems with your AutoBlot, refer to the following table for troubleshooting assistance. If you cannot find the solution to the problem using this guide, please call the MedTec Service Department. Under no circumstances should the instrument be opened. Attempting to service the instrument without the assistance of a service technician negates instrument warranty.

| Symptom | Possible Cause | Solution |
|---|---|---|
| Unit not dispensing. | 1. Tubing not at bottom of bottle.<br>2. Bottles are empty.<br>3. Pump pressure pads not locked. | 1. Push tubing to bottom of bottle.<br>2. Fill bottles.<br>3. Lock pump pressure pads. |
| Unit not aspirating. | 1. Waste bottle not sealed properly.<br>2. Aspiration pump clogged. | 1. Make sure waste bottle fittings are in place and lid is screwed on securely.<br>2. Fill a syringe with approx 2ml of DI water and force the water into the waste tube going from the waste bottle to the back panel. |
| Heater Pad Error Message | 1. Run Check Heater Pad Routine<br>2. Change Platform Ribbon Cable | 1. Run the Check Heater Pad Routine in Edit Mode PAUSE. If the problem still persists, change the platform ribbon cable. |

| Symptom | Possible Cause | Solution |
|---|---|---|
| Unit does not come on when ON/Off switch is used. | 1. Instrument is not plugged in at wall or at the back of the unit. | 1. Check the power cord and power supply to insure that are connections are in place. |
| Splashing during dispense cycle. | 1. Clogged dispense tube or nozzle. | 1. Change out the nozzle. If problem persists, then change out the tubing. |
| *Carriage Steps Lost* Error | 1. Tubing too tight or kinked | 1. Install new tubing.<br>2. Check to make sure there is nothing blocking the movement of the carriage mechanism.<br>If problem still persists, contact MedTec Service. |
| *Rock Motor Steps* Error | 1. Rock motor fails to rock platform correctly | 1. If platform is rocking – check to make sure nothing is impeding the movement of the rocker mechanism.<br>2. If platform is not rocking, contact MedTec Service. |
| *Arm Steps Lost* Error | 1. Arm mechanism lost steps during the assay. | 1. Check to make sure there is nothing blocking the movement of the arm mechanism.<br>If problem still persists – contact MedTec Service. |

# TECHNICAL SPECIFICATIONS
# AutoBlot 3000H

| Specification | Description |
|---|---|
| **Dimensions** | 22 in x 18 in x 7.5 in.<br>559 mm x 457 mm x 191 mm |
| **Weight** | 35 lbs (15.9 kg) |
| **Capacity** | 20 strips |
| **Power** | 100-240V, 50 or 60Hz,<br>3.2amp max |
| **Software Updates** | PC download |
| **Reagent Bottles** | 500ml (wash buffer)<br>250ml (DI water) |
| **Reagents** | Standard: 6 |
| **Waste Bottle** | 1L |
| **Dispense Volume Range** | 0.5ml-3.0ml in 0.1ml increments<br>accuracy ±10% |
| **Incubation Time** | up to 24 hours for all incubation periods in increments of 1 minute |
| **Number of Programmable Steps per assay** | 15 steps |
| **Max Relative Humidity** | 80% |
| **Platform Temperature** | 40° C to 60° C (± 1.0° C)<br>(steady state condition) |
| **Additional features** | Heated platform, magnetic stirrer, heated bottle plate |

# PARTS AND CONTACT INFORMATION

The following items can be ordered directly from MedTec, Inc.

| Part Description | Catalog Number |
|---|---|
| AutoBlot 3000H | MT07100 |
| 20-strip trays, 10 cm (AutoBlot 3000H) | MT07500 |
| Pump tubing kit (pump tubing only) | MT01049 |
| Complete tubing kit (pump and bottle tubing) | MT01096 |
| 1000 ml waste bottle | MT01008 |
| 500 ml bottle | MT01009 |
| 250 ml bottle | MT01010 |
| Platform Ribbon Cable | MT01114 |
| Bottle Stand | MT01115 |
| Complete shipping box | MT07700 |
| Guide to Operation | MT07603 |
| AutoBlot 3000H Annual Service Contract | MT07001 |
| AutoBlot 3000H Preventive Maintenance Checkup | MT07002 |

Call for current pricing or to request service. Please contact MedTec Customer Service for a Return Authorization Number prior to shipping units back to MedTec for any reason.

## MedTec, Inc. Contact Information


**Shipping address:**
600 Meadowland Drive
Hillsborough, NC 27278
USA

**Billing address:**
P.O. Box 16578
Chapel Hill, NC 27516-6578
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