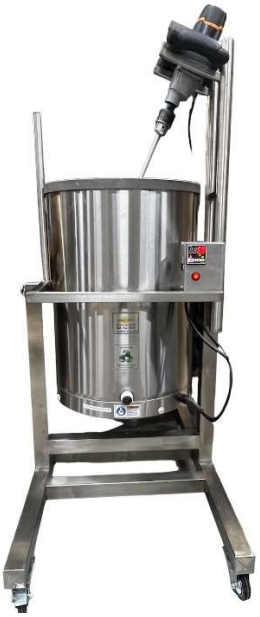
POT TIPPER & LYE TANK
OWNER/OPERATOR MANUAL



*Specific Parts & Materials in models vary.

(888) SOAPMELTERS
(631) 791-5438
www.SoapMelters.com

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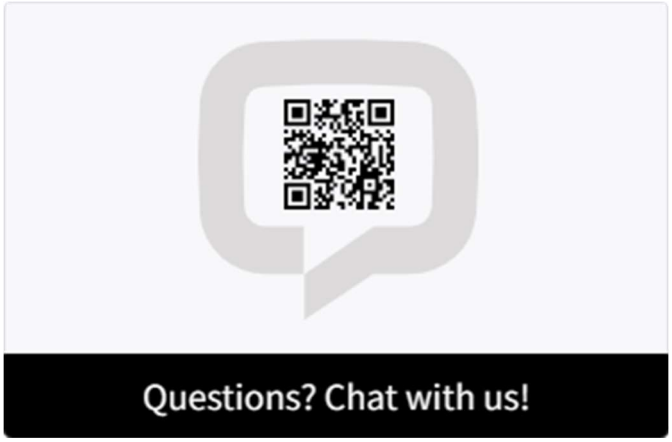
Have Questions On Set Up or Operations?

CHAT WITH US NOW



IMPORTANT PRECAUTIONS - READ CAREFULLY!

All USER of this equipment should read and understand this entire manual and be trained on equipment's proper use. Damage to the system from improper use or assembly is not covered under warranty.

INCORRECT USE CAN RESULT IN SEVERE INJURY &/OR DEATH.

1. You must wear protective clothing, safety gloves and safety glasses when operating equipment.
2. Install system on a steady, level work surface away from combustible material and securely mounted to prevent tipping/falling which may result in burns and serious injuries.
3. Never use caustic, explosive or hazardous materials with this equipment. Death or serious injury will result. Fire, explosion, personal injury, property and equipment damage will result if the materials used in or around the system are toxic or heat or fire sensitive. Always read the manufacturers recommended use of the material and note Flash points on all materials used.
4. UNPLUG UNIT AFTER USE - Always manually plug in prior to use. Do not operate or leave equipment on while unattended. Please do NOT use a timer on the equipment.
5. Please contact SoapMelters immediately if equipment leaks or stops working properly. Delays in contacting SoapMelters could result in fire, injury or death or further damage to the equipment.
6. Never install equipment within 20 ft. from combustible materials.
7. Do not connect or disconnect electrical connectors or remove components with the power on. This will avoid arcing of electrical contacts and possible failure of components.
8. Do not use torches or heat guns of any kind to pre-heat components.
9. Properly ground equipment per all applicable codes.
10. Always have a fire extinguisher within reach.
11. Do not dismantle or assemble unit unless completely cooled to reduce burning, injury and fire.
12. Ensure proper ventilation when using this equipment but not blowing air from cooling fans.
13. Be sure unit and controls are free from materials, wax, dripping product, and debris since this can damage unit and components, result in unit failure and/or lead to injury or death.
14. If Using Ingredients of Lye (Sodium Hydroxide) or Caustic Potash (Potassium Hydroxide): Poisonous & Corrosive: Causes death, injury, eye damage, and severe skin burns! Avoid all contact with organic tissue (including human skin, eyes, mouth, and animals or pets). Keep away from clothing. Lye (sodium hydroxide) and/or caustic potash (potassium hydroxide) may be harmful or fatal if swallowed. Avoid all contact with aluminum, magnesium, zinc (galvanized), tin, chromium, brass, and bronze and sugars and flammable/combustible materials.
    a. Personal protection for the safe handling of lye (sodium hydroxide) and/or caustic potash (potassium hydroxide) includes but is not limited to safety glasses, chemical-resistant gloves, and adequate ventilation. When in the close proximity of lye (sodium hydroxide) and/or caustic potash (potassium hydroxide) dissolving in an open container of water, a vapor-resistant face mask is recommended. If swallowed, in eyes or on skin, get medical attention and/or call local poison control center.

ASSEMBLY & OPERATION

DO NOT PREHEAT OR OPERATE UNIT EMPTY!

PLEASE READ INSTRUCTIONS THOROUGHLY BEFORE BEGINNING EACH STEP.

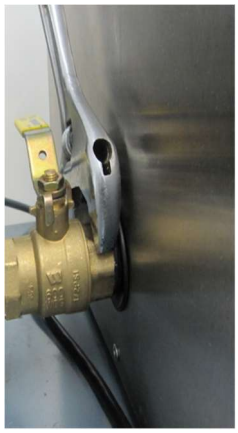
1. Assembly- Pot Tipper:

a. Make sure Pot Tipper is firmly mounted for proper operation and prevent injury:

Place Pot on Stand

Connect The Plugs

Attach Ball Valve

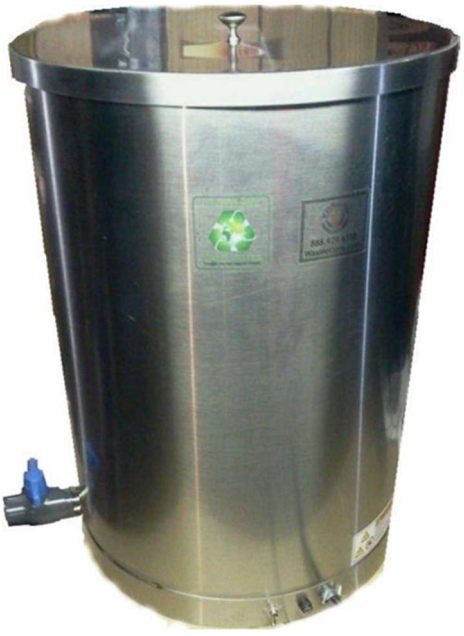


1. Assembly- Lye Tank:

Make Sure Lye Tank Firmly Mounted on Ground.

If placing unit on steel, concrete or cement, make sure to place an insulating layer (wood, cardboard or any insulating material) to prevent heat loss.

Attach Ball Valve Securely



OPERATING YOUR UNIT:

PLEASE READ ALL INSTRUCTIONS, ALL SAFETY PRECAUTIONS & WEAR PROTECTIVE CLOTHING PRIOR TO OPERATING AND USING THIS SYSTEM.

a. Make sure the Ball Valve is in the CLOSED position.

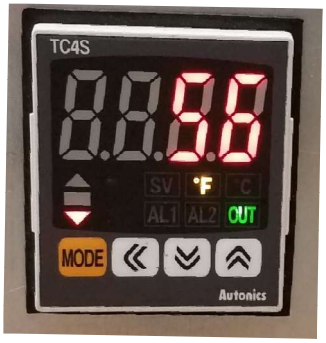
b. DO NOT OPERATE POT TIPPER OR LYE TANK EMPTY.
Before turning on the melter, safely load wax into it. If using preheated wax, do not turn on melter until the preheated wax is inside it and set the temperature 10°F higher in the melter. Melter should be at least 1/3 full at the start of a batch.

c. Plug the unit into a GROUNDED 110-120 Volt outlet (220-240 Volt grounded outlet for 220 Volt models).

d. TURN POT TIPPER OR LYE TANK HEAT "ON": RED Power Button
If your melting tank has multiple HEAT buttons, turn them ALL "ON" EXCEPT FOR UPPER ZONE unless material is over the MINIMUM fill line.

e. Put your lid on the Unit so that it heats more uniformly, evenly and faster.

f. POT TIPPER-Setting the Melter Temperature:



Set Temperature With Arrow Keys

Press ↑ or ↓ to raise or lower the temperature setting to the desired temperature and then it will blink and be set to that temperature.

To change F° to C° :

Press and hold **MODE** until screen displays **PAR2**
Press **MODE** until it displays **UNIT**
Press ↑ or ↓ to change setting, Press **MODE** to save

Calibrating the Controller:

Press and hold **MODE** until screen says **PAR2**
Press **MODE** until it displays **IN-b**
Press ↑ or ↓ to change setting. Press **MODE** to save
For Example, if Controller Temperature reads 180 F° and the actual melted material reads 170 F° then setting should be set to -10°.

Temperature Differential:

Press and hold **MODE** until screen says **PAR1**
Press **MODE** until it displays **HYS**
Press ↑ or ↓ to change setting. Press **MODE** to save
(Number= How many degrees the temperature drops on the controller before turning back on)

ADVANCED POT TIPPER TEMPERATURE CONTROL SETTINGS

For PAR1 Settings:
-Press and hold MODE until screen displays PAR1 Press MODE until it displays (setting name) Press Up or Down arrow to set each setting then press Mode to save

Setting Name - Setting value

PAR-1 Settings
AL-1=954
HYS=001

For PAR2 Settings:
-Press and hold MODE until screen displays PAR2 Press MODE until it displays (setting name) Press Up or Down arrow to set each setting then press Mode to save

PAR-2 Settings

Parameter	Factory default	Parameter	Factory default
In-t	JIC	t	0200
Unit	F	AL-1	An1A
In-b	0000	AL-2	An2A
nAuF	0001	AHYS	0001
L-Su	-22	LbAt	0000
H-Su	***	LbAS	008
o-Ft	HEAt	LbAb	002
C-nd	Pld	dI-t	StoP
oUt	SSr	Ernu	0000
SSrn	Stnd	LoC	oFF

H-Su *** = this setting should be set as follows, if you have:

Standard Pot Tipper: 212

TROUBLESHOOTING

Pot Tipper or Lye Tank Does Not Turn On (Red Power Button is off):

- Make sure the outlet works.
- Make sure the green power button near the power cord is on.
- Make sure the fuse has not been tripped – to reset fuse/breaker, flick the trip mechanism.
- Be sure button(s), fuse(s) and controller are free from materials, wax, dripping product, debris, etc. – accumulation of materials on these components will result in shorter life-span and can lead to blown/tripped fuses, button lights to go out or controller failure.

Pot Tipper or Lye Tank Blowing/Tripping Fuses:

- Make sure no substances are leaking from the ball valve back into the Melter, which can happen if the Ball Valve is loose, there is no Teflon on the valve and/or the black gasket seal has been removed.
- Make sure no materials have dripped down the tank and onto the fuse, materials on or inside of the fuse can cause fuse to trip.
- Make sure your outlet is properly grounded and not overloaded; your melting tank should be the only appliance on the circuit.

Unit Heats Slowly or Unevenly or Does Not Heat At All:

- If this occurs the first few times or after a period of inactivity, there may be a Low MEGOHM Condition (heaters may absorb moisture from the environment) which prevents heater from operating at maximum efficiency until unit is used several times and moisture evaporated out.
- Make sure the green "OUT" light on the control comes on. If not, then the temperature needs to be set.
- Make sure the unit is not on an extension cord, power strip, or on a line with other appliances, etc.
- Make sure you keep the lid on while heating to reduce heat loss and more uniform heating.
- Make sure the unit is properly calibrated as instructed on PAGE 4.
- If your room is cold or you are using the unit near an open door/window, a fan, humidifier, dehumidifier, air conditioner, etc, the unit may heat slower or take more time. You may have to raise the temperature of the unit to compensate for heat loss.

Unit Overheating or Heating Too High

- Check your controller settings, you can find the full controller settings on PAGE 5. It is possible some setting(s) were reset or accidentally changed. Follow the guide and be sure all relevant settings match the guide. Not every setting in the guide will appear in your controller.
- Try lowering the temperature setting since depending on your location, some calibration may be required. For example, the electric may be over 120v/240v, higher altitudes have lower boiling points, humidity in a room can influence temperature and so on.
- Try removing the lid and mixing your materials to better disburse the heat.
- Make sure the unit is properly calibrated as instructed on PAGE 4.
- Make sure you are using at least enough material to fill the unit 1/3 high.

Unit Leaks

- Your Pot Tipper Tank should not leak. We test your Pot Tipper for leaks at every stage of production before it ships.
- Make sure to check that the Teflon tape on the Ball Valve is in place.
- Make sure the Ball Valve is connected tightly with a wrench.

Advanced Troubleshooting: Complete, Copy & Return to Support@SoapMelters.com

Company:	PRIMO Model #:
Name & Contact #:	Serial #:

Unit Is Not Turning On And/Or Blowing/Tripping Fuses

1) Did you check the power cord and try another outlet. **Y / N**
2) Is the green power button on? **Y / N**
3) Is the Re-Settable Fuse "tripped" (showing white front?) **Y / N** If so, flip the re-settable fuse back to its original state (showing black front), and be sure it is free of materials, dust, debris etc. which may have dripped/gathered on it. (If **Y**, send photos of the breaker/entire tank to: Support@waxmelters.com)
4) Does the power button come on first and after a 5-10 second delay it blows/trips the fuse? **Y / N**
5) Did any material potentially enter the unit through the top, a side seam or valve area? **Y / N**

Unit Does Not Heat, Heats Slowly And/or Unevenly

1) Do you feel any heat when you touch the bottom of the tank or valve? **Y / N**
2) Does the Green "OUT" light come on the control? **Y / N**
3) Have you tried raising the temperature to compensate for heat loss and other electrical/ environmental factors (low altitude, humidity, etc…) which may require calibration? **Y / N**
4) Did you burn any material or notice discoloration inside the tank? **Y / N** If so, did you try scrubbing it clean (like a stainless steel pan) since the sensors will be unable to work. **Y / N** (If **Y**, send photos of inside/outside of tank to: Support@waxmelters.com)
5) Are you keeping the lid on and mixing your materials? **Y / N**
6) Did unit suddenly stop heating? **Y / N**
7) Did it progressively heat slower and then stop? **Y / N** Have you had any power surges, outages or roaming blackouts in your area? **Y / N**
8) Was the unit operated without material or very little material? **Y / N**
9) Controller Calibration (In-b) is set to _____ (See Pages 4,5 of this guide).
10) What is the brand and brand name of your material? _____

Melt point?_____ Melter Temperature Settings(OFF/ON)?____/____ How Long Does it Take?_____
If using preheated material from another tank, the preheated Temperature is _____.

Unit Overheating And/Or Heating Too High

1) Did you try lowering the temperature? **Y / N** Sometimes, depending on your location, some calibration may be required. If you are at a higher altitude, the boiling points of substances are generally lower and may require you to lower your temperature. **Y / N**
2) Is the unit at least 1/3 full? **Y / N**
3) Did you burn any material or notice discoloration inside the tank? If so, did you try scrubbing it clean (like a stainless steel pan) since the sensors will be unable to work. **Y / N**
4) Did you try removing the lid and mixing the materials? **Y / N**

Please Provide A Brief Description & Any Steps That Have Helped:

CHAT WITH US NOW With Your Completed Responses

EZMIX
OWNER/OPERATOR MANUAL

Agitator Units

EZ-MIX Units

*Specific Parts & Materials in systems vary.
*EZ MIX Sold Separately.

ASSEMBLY & OPERATION

PLEASE READ ALL SAFETY PRECAUTIONS & WEAR PROTECTIVE CLOTHING PRIOR TO OPERATING AND USING THIS SYSTEM.

PLEASE READ INSTRUCTIONS THOROUGHLY BEFORE BEGINNING EACH STEP.

THE MIXER IS A POWERFUL, HIGH-TORQUE TOOL.

1. ASSEMBLY:
   a. Connect the shaft to the blade using fingers first and then tighten firmly using a wrench.

   b. Mount the lid and place the channel assembly onto the tank.

   c. Plug the cord into a standard 120V grounded outlet or step-down transformer for 240 Volt outlets.

2. OPERATING YOUR UNIT:
   a. Make sure materials are in pot tipper BEFORE to be mixing materials when using your mixer. It has a high torque motor and will vibrate and be especially loud when used without materials.

   b. Set Variable Speed To LOWEST Setting to Start & Increase incrementally:

Left Handle has Variable Speed Dial

Right Handle has power cord, trigger and lock.

   c. Press The Trigger to Begin Mixing:
   Increase or decrease speed on variable speed dial as needed.

*How to keep Unit Mixing without Holding the Trigger:

Warning: Do not lock trigger into ON position unless mixer is properly secured. Always maintain control of mixer by holding it with both hands, when in use.

1. Squeeze the trigger.
2. Press the trigger lock button (located beside it).
3. While pressing the button, release the trigger.
   The mixer is now locked into the ON position and will continue to run.
   To release the trigger lock, squeeze the trigger.