

Limited Warranty

Master Sports warrants its products to be free from defect in materials and workmanship for a period of one year from date of original purchase except for the battery, which is warranted for six months. Master Sports will repair or replace defective products at its discretion, without charge. Evidence showing the date of purchase and serial number must be submitted at the time the warranty claim is made. This warranty is void if the serial number has been altered or removed and shall not apply to damage caused by misuse, unauthorized repairs or alterations. If any defect should occur, contact Master Sports at 1-800-837-1002, ext. 3307 and request Technical Assistance. Please have your serial number available. It can be found on the bottom of the machine. If we are unable to resolve the problem by telephone, return the unit in its original carton and packing, freight prepaid. Master Sports will pay the freight to return the repaired merchandise to the customer. No C.O.D. shipments will be accepted. This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state. THE FOREGOING WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES OF QUALITY AND PERFORMANCE, WHETHER WRITTEN, ORAL, OR IMPLIED. IN NO EVENT SHALL MASTER SPORTS BE LIABLE FOR SPECIAL, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES WHETHER IN CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE. Some states do not allow limitations on how long an implied warranty lasts and/or the exclusion or limitation of incidental or consequential damages, so the above limitation and exclusion may not apply to you. Returns: For a full refund less shipping costs, an R.A. number must be requested within five business days after the customer's receipt of the machine as indicated by the package tracking information, and the returned product must be received by Master Sports within seven business days after the R.A. number is issued. Please call 1-260-471-0001 to obtain the required R.A. number. Restocking fees apply to all returns received by Master Sports after the initial grace period outlined above. Restocking fees also apply for product that is returned in less than new condition and for product not returned in the original packing. This offer applies only to machines purchased directly from Master Sports. Please see your dealer or sales representative for all applicable return information. Returns after 30 days of receipt are prohibited.

I-SAM[®]

Portable Tennis Ball Machine

Owner's Manual



General Overview of I-SAM® Portable Tennis Ball Machine

The I-SAM® ball machine, manufactured by Master Sports, is a portable, compact, self-contained unit designed to be easily handled, transported, and stored. The exterior is weather and corrosion resistant.

Testing Procedures:

To ensure customer satisfaction, every I-SAM® ball machine is tested as follows:

- Battery is checked and tested to ensure superior quality.
- Approximately 200 balls are fed through the machine.
- Machine is cleaned and boxed.

NOTE: There may be some residual ball fuzz in your machine and wear marks on the pitching wheels as a result of testing.

Important Safety Information

The I-SAM® ball machine is specifically designed to throw tennis balls at a high rate of speed. To avoid any bodily harm, please observe the following precautions at all times:



WARNING: Do not reach or look into the ball exit hole without first turning the main power off and only after all wheels come to a complete stop.



WARNING: Never stand closer than 35 feet in front of the ball machine when the power is on. Balls exit at various angles, 0-45 degrees vertical, and from 14 degrees left to 14 degrees right.



WARNING: Do not place hands or foreign objects into the ball hopper while the power is on.



WARNING: Only use standard size (NOT rally) tennis balls with this unit.



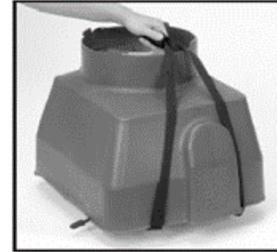
WARNING: Use caution with small children in the area.



WARNING: Do not use this machine while it is raining or in water. Do not use wet tennis balls.

Transportation

For ease of transportation, the I-SAM® Portable Tennis Ball Machine has a handle by which it may be carried. In addition, most standard luggage carts can be used to transport the machine.



Troubleshooting Guide

Q: Once in a while the machine shoots out two to three balls at a time. What is the problem?

A: If the wheels are unable to handle a ball, the balls back up and push the errant ball through the delivery wheels. This effect causes all balls that have dropped through the hopper to exit back to back. Occasionally wet tennis balls may cause this problem as well. In addition, extra felt or heavy duty tennis balls are slightly larger than normal tennis balls and multiple firing may occur more frequently when these types of balls are used.

Q: The machine turns on, but instantly shuts down or gives low battery indication. What is wrong?

A: This could mean that either the battery is low or something is prohibiting the machine from going through its normal power up procedure. With machine off, check behind ball throwing wheels to make sure there is no ball jam. If wheels turn freely, recharge battery.

Q: The machine is only shooting to the right or left of the court. What is the problem?

A: The oscillating base should be facing forward for the machine to oscillate properly. See alignment section for more information.

Maintenance

Base-Plate Removal:

Turn machine upside down and remove the 11 screws. Lift base-plate off frame far enough to disconnect the oscillation motor and then set base-plate aside.

Periodic Internal Cleaning:

The frequency of cleaning will depend on the use of the machine. For casual use (less than once a week), the cleaning procedure should be performed once every six months. For extensive use (more than twice a week), the cleaning procedure should be done every three months.

Internal Cleaning Procedure:

STEP 1: Remove base-plate following the steps in the Base-plate Removal section.

STEP 2: Brush or vacuum off ball felt and any other foreign materials that have accumulated on the unit's interior, including the delivery wheels. Never use compressed air.

STEP 3: Replace base-plate by completing the Housing Removal steps in reverse order.

Storage

Store the I-SAM® ball machine in a clean, dry place. Charge the battery before storage. Be sure to read the battery section for more information about long term storage. Avoid storage areas that are subject to extreme temperatures.

Important Instructions Before First Use

Ball Hopper Preparation:

The ball hopper slides over the machine for compact storage. Follow these steps to prepare the I-SAM® ball machine for use:

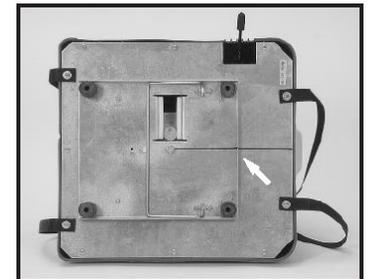
1. Lift hopper from machine base.
2. Line up tabs on hopper with holes on base.
3. Place tabs through holes and twist to "lock" hopper into place.



Alignment:

To align machine so that it is centered to shoot equal distance to forehand and backhand:

1. Turn machine over on it's side and look underneath.
2. Turn sweep on until dark lines match.
3. Set machine in position on serving line with ball exit hole directly over center line.



Ball Feed Instructions:

For safety reasons, the ball feed will not activate for 10 seconds when the machine is first powered on.

Operation — I-SAM® Model 1



POWER The power switch is on the BACK of the machine. It is the top right button. The power button turns on the unit and enables the other functions.

OSCILLATION The random OSCILLATION is the furthest button to the left on the control panel. It allows the machine to shoot balls from one side of the court to the other.

SPEED The BALL SPEED control knob regulates the ball velocity from 10 to 70 m.p.h..

FEED The FEED RATE control knob regulates the time interval between shots being fired. The range is between 1.5 seconds to 8 seconds. There is a 10 second delay after the machines main power switch is turned on before the ball feed activates.

ELEVATION The elevation control is found below the control panel. It is adjusted by moving the lever into one of the five grooves. For higher elevations, extend the elevation kickstand (on oscillation base) forward.



Adjust to elevate 0° to 20° (without kickstand)



Adjust to elevate 25° to 45° with kickstand

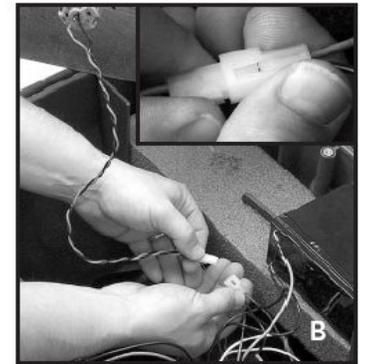
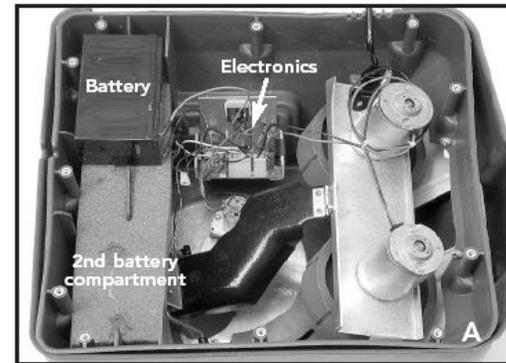
Battery Instructions

The following are requirements to ensure proper performance of sealed lead acid batteries and should be followed precisely:

- Charge battery immediately after use.
- Do not store battery in discharged state.
- Do not store for more than 30 days without recharging.

Battery Replacement:

Turn machine on its top and remove the 11 screws that hold the base-plate. Remove the base-plate, being careful to disconnect the oscillation motor (see photo B). The battery may be lifted out and the new one put in place. The wires must be connected to the proper terminals on the battery. Replace the base-plate being sure to reconnect the oscillation motor.



CAUTION: Be sure to connect the orange battery wire to the red battery terminal and the black battery wire to the opposite battery terminal.

Charger:

The charger provided with the machine will charge a single 12 Amp hour battery within 12-14 hours. Two 7.5 Amp hour batteries should charge within 18 hours. The charging receptacle is located in the upper left side on the back of the machine. The charger must be plugged into a socket that will provide continuous power during the charging cycle. Do not attempt to insert the charger into the AC converter receptacle. Do not attempt to insert an AC converter into the charging receptacle.