



PETRATOOLS®

HD1000-S/HD2000-S

Product Manual



Register for your
extended warranty
before spraying.

petratoools.com/warranty



Need Help? Scan or visit
petratoools.com/support
for FAQ's and videos on
using this product.
Or contact us at:
support@petratoools.com
(800) 613-6889



100% Satisfaction Guarantee

If you are not 100% satisfied with your product's performance at ANY time, reach out to us for an easy resolution.

If you have any questions,
concerns or missing parts

**DO NOT RETURN UNIT TO
STORE / ONLINE RETAILER:**

CALL 1-800-613-6889

Visit www.petratools.com

Email our support: support@petratools.com

Common maintenance questions: www.petratools.com/start



SAFETY WARNINGS

WARNING: THIS SPRAYER IS DESIGNED TO APPLY CHEMICALS THAT MAY BE HARMFUL AND COULD CAUSE SERIOUS PERSONAL INJURY IF INHALED OR BROUGHT INTO CONTACT WITH THE USER OR OTHER INDIVIDUALS OR ANIMALS. FAILURE TO READ THE MANUAL INSTRUCTIONS AND WATCH THE SAFETY VIDEOS PRIOR TO USE FOR THIS PRODUCT COULD RESULT IN SERIOUS INJURY OR DEATH.

1. Read all instructions before use. Proper operation protects you, others, and property.
2. Keep children away during use. Clear the area of people and pets before spraying.
3. Use of this sprayer under dangerous conditions may cause injury to you, others or property.
Do not modify the sprayer in any way that is not explicitly recommended in PetraTools® videos or instructions.
4. Wear sturdy shoes or boots with non-slip soles. Always wear proper protective clothing and gloves when handling or spraying chemicals. Always wear proper eye and respiratory protection by the chemical manufacturer's instructions.
5. If chemicals start to leak when you use the sprayer, stop immediately. Tighten all connection points and secure them with PTFE tape.
6. Whenever you are dealing with chemicals, always follow and refer to their safety instructions.
7. After using a sprayer, we recommend taking a shower to rinse yourself off entirely



Eye Protection



Hand Protection



Foot Protection



Mask



Protection Wear



Wash Hands

MAINTENANCE

Show your sprayer some love after each use:

1. **Empty** leftover chemicals (follow disposal guidelines)
2. **Rinse** with clean water until it runs clear
3. **Wash** with soapy water like you're doing dishes
4. **Final rinse** and you're done

This 5-minute routine keeps everything working like new.

Store smart:

- Never leave chemicals in the tank (they'll damage seals over time)
- Keep in garage or shed—avoid blazing sun and freezing cold
- A cool, dry spot is perfect

Visit www.petratools.com/support for help using and maintaining your PetraTools® HD1000-S/HD2000-S.

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WHAT'S IN THE BOX?



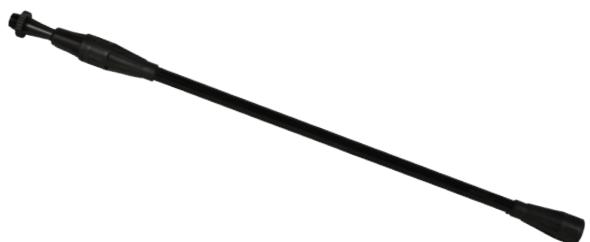
SPRAYER



NOZZLES



VALVE HANDLE



WAND



HOSE



CHARGER



MANUAL

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PRODUCT SPECIFICATIONS



#	PART DESCRIPTION	PART #
1	TANK - HD1000-S TANK - HD2000-S	TANK-10100 TANK-10101
2	WAND	WAND-10121
3	HOSE - 4FT HIGH PRESSURE	HOSE-10043
4	BLACK SQUEEZE HANDLE	HNDL-10033
5	TANK LID W/ GASKET	LID-10101
6	SHOULDER STRAP	STRP-10172
7	FILTER - BELOW LID	FLTR-10160
8	BATTERY CHARGER	CHG-10016
9	ADJUSTABLE BLACK NOZZLE ADJUSTABLE BRASS NOZZLE	TIP-10077 TIP-10084
10	BATTERY - 12V1.3AH [not shown]	BATRY-10114

SETUP AND ASSEMBLY



1. UNBOX THE SPRAYER

- Spread out all parts and accessories on a clean work surface.



2. FULLY CHARGE THE SPRAYER BEFORE THE FIRST USE

- Connect the charger to the charging port and plug it into an outlet. The status light turns red while charging and green once fully charged. Charging may take up to 4-6 hours.



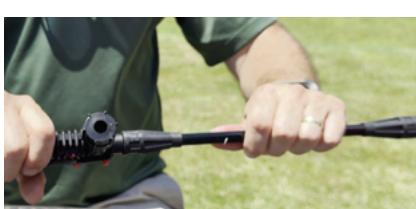
3. ATTACH THE HOSE TO THE SPRAYER

- Remove and discard the black rubber cover from the sprayers hose connection.
- Screw the wing-nut end of the 4' hose onto the sprayer's outlet until it is securely tightened.



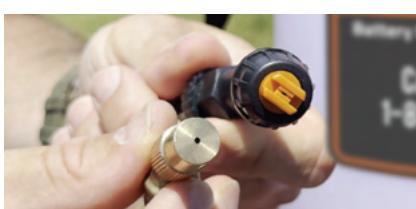
4. ATTACH THE BLACK SQUEEZE HANDLE TO THE HOSE

- Screw the other end of the hose clockwise onto the black squeeze handle until it is securely tightened.



5. ATTACH THE EXTENDABLE WAND TO THE SQUEEZE HANDLE

- Screw the other end of the hose onto the black squeeze handle until it is securely tightened.



6. CHOOSE YOUR NOZZLE FROM THE 2 OPTIONS

- Select the appropriate nozzle for your task and screw it onto the end of the wand.

NOZZLE SELECTION



Fan Flat Nozzle:

Creates a flat fan spray pattern for even coverage.



Adjustable Brass Nozzle:

Your versatile workhorse—dial from gentle mist for seedlings to powerful stream for reaching high branches.

Note: Skip this one for acids or bleach (they'll damage the brass). Use plastic nozzles instead.

OPERATION



1. TEST WITH WATER FIRST

- Add 1 gallon of water to tank
- Power on using either switch
- Squeeze handle 10-15 seconds until spray is steady with no air bubbles
- Empty water—you're ready for chemicals



2. ADD SOLUTION

- Fill the tank with your desired solution, following any specific mixing instructions provided with the solution.



3. USE THE RED SWITCH TO TURN ON THE SPRAYER



4. SQUEEZE THE TRIGGER TO SPRAY YOUR SOLUTION

- Hold the wand and aim it at your target area.
The red trigger lock can be used for extended spraying

CLEANUP



1. ONCE FINISHED, EMPTY THE SOLUTION

- Safely dispose of any remaining solution according to the product guidelines.



2. CLEAN THE UNIT

- Fill the tank with soapy water.
- Run the sprayer until the soapy water has passed through all components.
- Rinse with clean water to remove any soap residue.

LEAKS



TIGHTEN CONNECTIONS:

- Nozzles and hose connections may leak over time if not fully tightened. Be sure to check and re-tighten all connections before each use or whenever switching out nozzles.



PTFE TAPE:

- In the event that tightening the connections does not stop a leak, (PTFE) tape can be used. Wrap the tape clockwise around the threaded connections, fully covering them to reduce leakage. For your convenience, one roll is provided.

TROUBLESHOOTING

Need help? These troubleshooting steps solve most issues quickly. For additional support, contact our technical team.

PRIMING INSTRUCTIONS

• Method 1: Soap & Water

- Start by taking off the lid of your sprayer.
- Add 1 to 2 teaspoons of liquid soap to the tank.
- Add 1 gallon of clean water to the tank.
- Securely close the lid to prevent any spills or leaks during priming.
- Let the sprayer run for several minutes while squeezing the spray handle.

• Method 2: Garden Hose

- Take the lid off your sprayer.
- Feed a garden hose into the empty tank of your sprayer.
- Turn on your sprayer.
- While pressing the garden hose against the suction filter on the bottom of the tank, turn on the water.
- The goal is to force water into the pump and remove trapped air.
- Test the spray by squeezing the trigger on the wand. You should see a steady stream of water spraying from the nozzle.
- Once primed, remove the garden hose.

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SPRAYER NOT TURNING ON OR CHARGING

1. Check the Power Switches

- Ensure the red toggle switch is in the off position.

2. Check the Charger Functionality

- Ensure you are using the original charger.
- Visually inspect the charger for frayed cables, cracks, or loose connections.
- Plug the charger into a working outlet and watch for indicator lights (red for charging, green for fully charged).
- Try a different outlet if no lights appear.

3. Check the Connection Points

- Inspect the charger and sprayer's charging port for dirt, debris, or corrosion.
- Clean the connectors with a soft cloth and contact cleaner if necessary.
- Ensure the charger is securely connected to the sprayer.
- Check for loose or damaged components around the charging port.

4. Contact Technical Support For Next Steps

PUMP RUNNING BUT WEAK, UNEVEN OR NO SPRAY

1. Check the Nozzle for Clogs:

- Detach the nozzle and inspect it for debris or blockages.
- Clean the nozzle with warm water and a soft brush to remove any residue.

2. Inspect the Suction Filter:

- At the bottom of the tank, there is a small filter that prevents debris from entering the pump.
- Remove the filter and check it for any debris or blockages.
- Clean the filter thoroughly by rinsing it under warm water.
- Reinsert the filter and ensure it is securely in place before testing the sprayer.

3. Check the Hose for Blockages:

- Disconnect the hose from the tank and inspect it for any kinks or blockages.
- Run water through the hose to clear any potential clogs.
- Reconnect the hose to the sprayer and test for proper flow.

4. Getting weak spray?

Usually means air is stuck in the pump—totally normal for new sprayers. Try the soap-and-water priming method first (easiest fix), then move to the garden hose method if needed.

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SPRAYER LEAKS

1. Inspect All Connections:

- Check all connections between the tank, hose, nozzle, and wand for any signs of leaks.
- Tighten any loose connections using a wrench or by hand, ensuring not to overtighten and damage the threads.

2. Base leak?

- Stop using immediately and give us a call—this one needs our attention. We'll get you sorted quickly, and you'll be back to spraying safely.

3. Examine Seals and O-Rings:

- Inspect the seals and O-rings at connection points for any cracks, wear, or damage.
- Replace any damaged seals or O-rings to prevent further leaks.

4. Apply PTFE Tape:

- If a connection is still leaking, apply PTFE tape (included with the sprayer) to the threaded area.
- How to Apply PTFE Tape:
 - Start by wrapping the tape around the threads in the clockwise direction, the same direction that the connection will be tightened.
 - Make 3-4 wraps of PTFE tape around the threads, ensuring full coverage without overlapping too much.
 - Press the tape into the threads to ensure a good seal, then reconnect the components.
 - After applying the tape, tighten the connection and test for any further leaks.

5. Check the Hose for Damage:

- Inspect the hose for any cracks, splits, or punctures that could be causing leaks.

6. Inspect the Tank for Cracks:

- Carefully examine the tank for any cracks or damage, particularly around the base and seams.

Additional Tips:

- *Regularly check and clean battery and charger connectors.*
- *Store the sprayer in a cool, dry place with a full battery charge.*
- *Recharge stored sprayers every three to six months to maintain optimal condition.*

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Extended Warranty

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guaranteed

3



**Dedicated
Support Line**
Member Elevated
Tech Support Line

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to get the fastest resolution
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