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› Deerma T50 Cordless Stick Vacuum Cleaner User Manual

Deerma DEM-T50-US

Deerma T50 Cordless Stick Vacuum Cleaner User Manual

Model: DEM-T50-US | Brand: Deerma

INTRODUCTION

This manual provides detailed instructions for the safe and efficient operation, assembly, maintenance, and troubleshooting of your Deerma T50 Cordless Stick Vacuum Cleaner. Please read this manual thoroughly before first use and keep it for future reference.



Image: The Deerma T50 Cordless Stick Vacuum Cleaner shown with its main unit, extension pipe, various brush heads, and wall-mount hanger.

SAFETY INSTRUCTIONS

To reduce the risk of fire, electric shock, or injury, always follow basic precautions when using an electrical appliance, including the following:

- Read all instructions before using this appliance.
- Do not use outdoors or on wet surfaces.
- Do not allow to be used as a toy. Close attention is necessary when used by or near children.
- Use only as described in this manual. Use only manufacturer's recommended attachments.
- Do not use with damaged cord or plug. If appliance is not working as it should, has been dropped, damaged,

left outdoors, or dropped into water, return it to a service center.

- Do not pull or carry by cord, use cord as a handle, close a door on cord, or pull cord around sharp edges or corners. Do not run appliance over cord. Keep cord away from heated surfaces.
- Do not unplug by pulling on cord. To unplug, grasp the plug, not the cord.
- Do not handle plug or appliance with wet hands.
- Do not put any object into openings. Do not use with any opening blocked; keep free of dust, lint, hair, and anything that may reduce air flow.
- Keep hair, loose clothing, fingers, and all parts of body away from openings and moving parts.
- Do not pick up anything that is burning or smoking, such as cigarettes, matches, or hot ashes.
- Use extra care when cleaning on stairs.
- Do not use to pick up flammable or combustible liquids, such as gasoline, or use in areas where they may be present.
- Do not pick up toxic material (chlorine bleach, ammonia, drain cleaner, etc.).
- Do not use without dust bag and/or filters in place.
- Prevent unintentional starting. Ensure the switch is in the off-position before picking up or carrying the appliance.
- Recharge only with the charger specified by the manufacturer. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
- Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.

PACKAGE CONTENTS

Verify that all items are included in your package:

- Cordless vacuum cleaner (Main Unit)
- Electric floor tool (Brush Roll)
- Hair screw tool
- 2-in-1 Dusting Brush Crevice Tool
- Extension Pipe
- Hanger (Wall Mount Bracket)
- Wall Anchors (x2)
- Screws (x2)
- Adapter (Charger)
- Manual

Powerful Brushless Motor

DEERMA

590w
Brushless Motor
320% ↑

Other

180w

VS

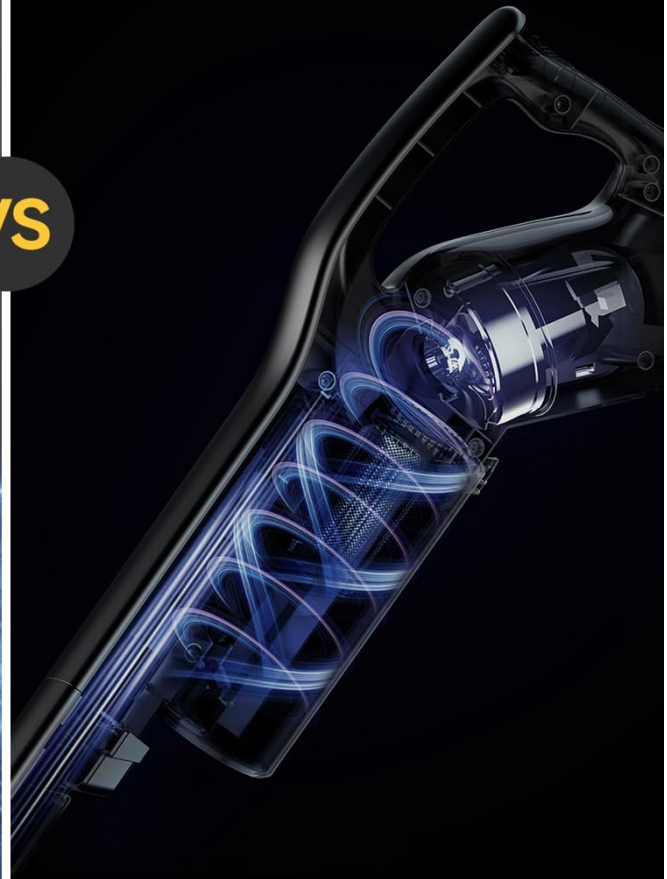


Image: A visual representation of all included components: main unit, extension pipe, hair screw tool, hanger, 2-in-1 crevice & dusting brush tool, wall anchors, screws, and brush roll.

SETUP

Assembly and Disassembly

The Deerma T50 offers flexible assembly options to suit various cleaning needs. Follow these steps for proper installation of components.

Your browser does not support the video tag.

Video: This video demonstrates the assembly and disassembly of the Deerma T50 vacuum cleaner, including attaching the battery pack, extension pipe, brush roll, and other tools. (Relevant sections: 0:08 - 0:49)

1. **Battery Installation:** Align the battery pack with the handle bayonet mount on the main unit. Push it forward forcefully until you hear two "click" sounds, indicating it is securely installed.

2. **Extension Pipe & Brush Roll Assembly:** Insert the Extension Pipe into the main unit. Then, insert the Brush Roll head into the extension pipe. A "click" sound confirms proper installation. To change the suction nozzle, press the release button on the Brush Roll to detach it.
3. **Direct Tool Attachment:** The 2-in-1 Crevice & Dusting Brush Tool and the Hair Screw Tool can be directly inserted into the main body of the machine. A "click" sound indicates proper installation.
4. **2-in-1 Crevice Tool Usage:** Hold down the switch button on the crevice tool to switch between the brush and crevice tool at will.

Wall Mount Installation

The storage bracket allows for convenient wall-mounted storage and charging.

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Video: This video demonstrates the installation of the wall-mounted storage bracket for the Deerma T50 vacuum cleaner. (Relevant sections: 0:50 - 1:35)

1. **Prepare the Bracket:** Insert a tool into the gap of the charging flap on the hanger and push hard to open it. Pass the charging head of the adapter through the hanger hole, then move it to the adjacent fixing hole and tighten it. Put the charging flap back on with force.
2. **Mounting:** Peel off the backing film on the back of the adhesive. After choosing a suitable position on a clean, dry wall surface, fix the storage bracket onto the wall surface. Press the storage bracket firmly by hand to ensure it is fixed. Let it stand still for 24 hours before hanging the vacuum.

Charging

It is recommended to fully charge the device before using it for the first time. The vacuum cleaner cannot work while being charged.

Your browser does not support the video tag.

Video: This video demonstrates how to charge the Deerma T50 vacuum cleaner. (Relevant sections: 1:36 - 1:57)

- Place the main unit on the storage bracket. Connect the adapter to a power source.
- Alternatively, remove the battery pack by pressing the release button and sliding it downward. Directly put it into the storage bracket for charging.
- During charging, the indicator light of the battery pack will flash in white, and the battery indicator light on the LED screen will also flash.

Dual Electric Brushes with Anti-Tangle Design



Image: The removable battery design allows for convenient charging either directly on the main unit when mounted or by charging the battery pack separately.

OPERATING INSTRUCTIONS

Learn how to effectively use your Deerma T50 for optimal cleaning performance.

Power On/Off and Mode Selection

Your browser does not support the video tag.

*Video: This video demonstrates how to power on the vacuum and switch between different cleaning modes.
(Relevant sections: 1:58 - 2:22)*

- **Power On:** Press the power button. The product will turn on in standard mode (green icon).
- **Mode Switch:** Briefly press the mode switch button to cycle between Boost mode and Eco mode.

- **Turbo Mode:** Long press the mode button for 5 seconds to activate Turbo mode (red icon). Note: Turbo mode is not applicable when the battery level is lower than 20%.

Adjusting Extension Hose Length

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Video: This video shows how to adjust the length of the extension hose for comfortable use. (Relevant sections: 2:23 - 2:39)

Press the red button on the extension hose to adjust its length for comfortable cleaning.

Adjustable Suction Port

The brush roller offers a 3-size mouth for varied cleaning needs.

- Use the maximum mouth for smoother movement on carpets.
- Use the minimum mouth to enhance suction power for more efficient cleaning on hard surfaces.

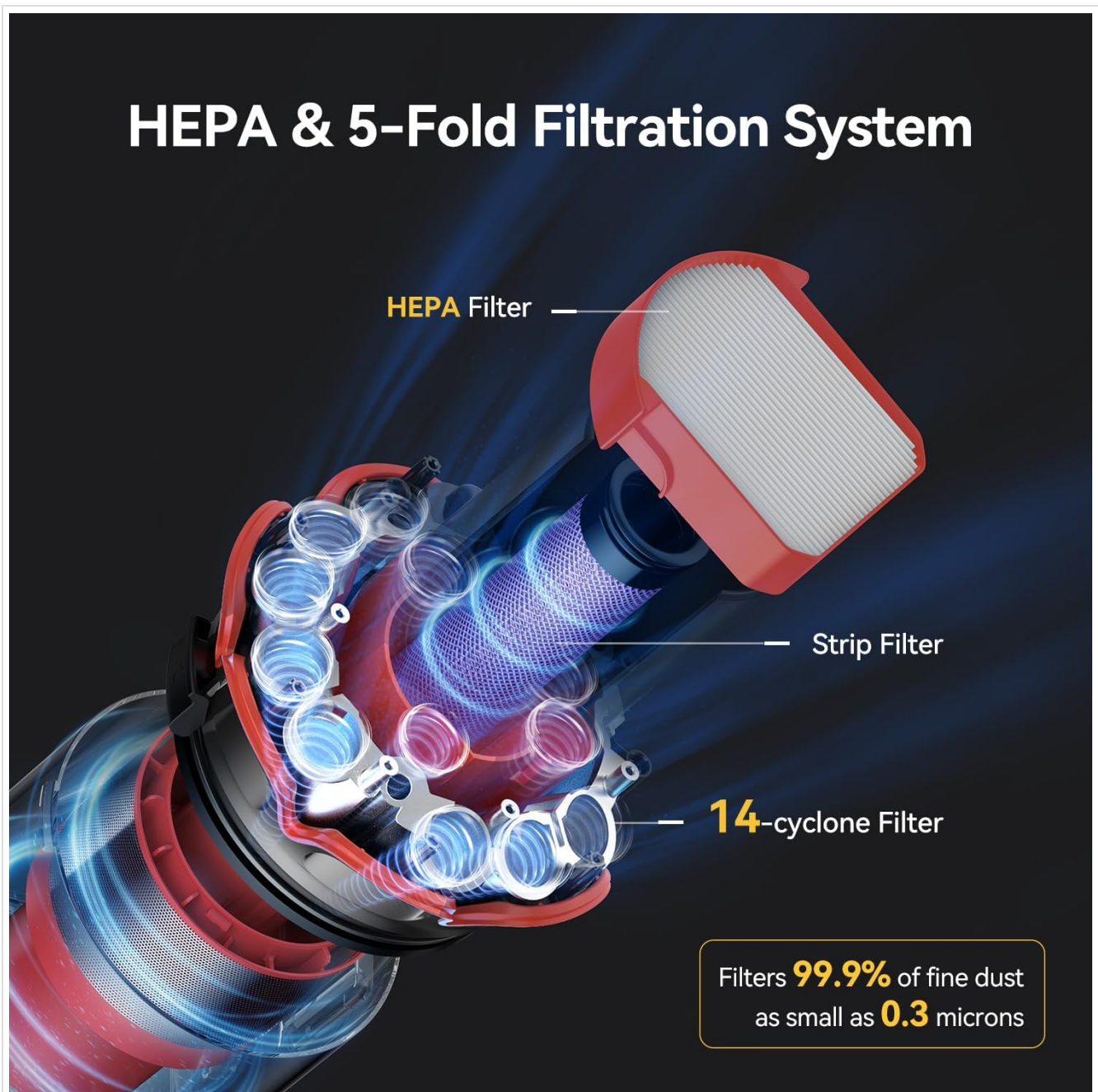


Image: A detailed view of the adjustable suction port on the brush roll, illustrating its three size settings for different floor types.

Anti-Tangle Features and Versatility

The Deerma T50 is designed with anti-tangle features to prevent hair from wrapping around the brush components, making it ideal for pet owners.

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Video: A short demonstration of the vacuum's powerful hair pickup and anti-tangle capabilities on a hard floor.



Image: This image highlights the dual electric brushes with anti-tangle design, showing how it prevents hair from wrapping around the brush roll, ideal for pet hair and long human hair.

Your browser does not support the video tag.

Video: This video showcases the Deerma T50's super suction, long runtime, and versatile cleaning capabilities across different surfaces and with various tools.



Image: A collage demonstrating the versatility of the Deerma T50, including its ability to clean under furniture, on upholstery with the hair screw tool, and reaching high areas with the extension pipe.

MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your vacuum cleaner.

Your browser does not support the video tag.

*Video: This video provides comprehensive instructions on cleaning and maintaining the Deerma T50 vacuum cleaner.
(Relevant sections: 2:40 - 4:36)*

Emptying the Dust Cup

- After using the product, press the release button on the bottom cover of the dust cup above a trash bin.
- Open the bottom cover of the dust cup, pour the garbage into the trash bin, and then put the bottom cover back on.



Image: The one-click dust scraping design allows for easy and hygienic emptying of the dust cup without direct contact with dirt.

Cleaning the Dust Cup and Filters

It is recommended to rinse the pre-cotton filter after every five or six uses or when necessary.

- To clean the dust cup and the filter: Rotate the front filter cotton counterclockwise to take it out.
- Press the dust cup release button, pull the dust cup forward, and then lift the dust cup upward to take it out.
- Rotate counterclockwise to take out the cyclone tower. Note: The 14-hole cyclone cone on the body of the machine cannot be disassembled.
- Open the rear cover of the machine casing and take out the filter element.
- Clean the dust cup, front filter cotton, cyclone tower, and filter element with tap water.
- After cleaning, make sure to dry all components thoroughly before reassembling them.



Image: An exploded view of the 5-stage filtration system, showing the HEPA filter, strip filter, and 14-cone cyclone filter, which captures 99.9% of fine dust.

Cleaning the Hair Screw Tool and Brush Roll

- **Hair Screw Tool:** Press the floor brush release button with one hand, and use the other hand to hold the side cover handle position and rotate it upward to take out the hair screw tool. Wipe it clean with a clean rag. Note: It is not recommended to wash the roller brush with water. After cleaning, push the top cover and rotate it to complete the installation.
- **Brush Roll:** Press the side cover of the roller brush with your fingers and rotate it downward to open the side cover of the Brush Roll and take out the roller brush. Clean the dust on the roller brush with a clean rag. Then put the roller brush back into the groove. Tighten the side cover.

Cleaning the 2-in-1 Crevice Tool

The 2-in-1 Crevice Tool can be rinsed with water. After rinsing, it needs to be completely dried before reattaching.

Note: Please do not use alcohol, paint thinner or other chemical solvents, which may cause the machine casing to crack or fade!

TROUBLESHOOTING

This section addresses common issues you might encounter with your Deerma T50 vacuum cleaner.

Problem	Possible Cause	Solution
Vacuum not turning on.	Battery is not charged or not properly installed.	Ensure battery is fully charged and securely clicked into place.
Reduced suction power.	Dust cup is full, filters are clogged, or brush roll is tangled.	Empty dust cup, clean all filters (pre-cotton, HEPA, cyclone tower), and remove any hair or debris from the brush roll and hair screw tool.
"Air Duct Blocked" alarm on LED display.	Obstruction in the air duct or filter system.	Check and clear any blockages in the extension pipe, brush head, dust cup, and all filters. Ensure all components are reassembled correctly.
Turbo mode cannot be activated.	Battery level is below 20%.	Charge the vacuum cleaner until the battery level is above 20%.
Brush roll not spinning.	Brush roll is jammed or not properly installed.	Remove and clean the brush roll, ensuring no hair or debris is obstructing its movement. Reinstall it correctly.

SPECIFICATIONS

Feature	Detail
Brand	Deerma
Model Name	DEM-T50-US
Motor	590W Brushless Motor
Vacuum Power	Up to 270AW (30kPa in Turbo mode)
Runtime	40-90 minutes (Eco mode with crevice tool)
Filter Type	Foam, HEPA Filter (5-Stage Filtration, 14-cone cyclone)
Dust Cup Capacity	0.6 Liters
Battery Type	Lithium-Ion (Removable)
Noise Level	74 dB
Product Dimensions	10.08"L x 11.02"W x 50.2"H
Item Weight	6.83 pounds
Control Method	Touch, Push Button

Feature	Detail
Number of Power Levels	4 (Eco, Standard, Boost, Turbo)

WARRANTY AND SUPPORT

For warranty information, technical support, or replacement parts, please contact Deerma customer service through their official website or the retailer where the product was purchased. Keep your purchase receipt as proof of purchase.

Visit the official Deerma store for more information:[Deerma Official Store](#)