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› Deerma 250ml Touchless Auto-Sensing Soap Dispenser User Manual

Deerma XS100

Deerma 250ml Touchless Auto-Sensing Soap Dispenser User Manual

Model: XS100

PRODUCT OVERVIEW

The Deerma XS100 is a 250ml touchless auto-sensing soap dispenser designed for hygienic and convenient hand washing. It features an infrared sensor for automatic dispensing, eliminating the need for physical contact and reducing the risk of cross-contamination. This battery-operated unit is suitable for various environments, including kitchens and bathrooms, and can be used on a countertop or mounted on a wall.

Prevent Secondary Infection
by Sensing Fluid

VS

Easy to Get Infected
by Pressing.



Figure 1: The Deerma XS100 touchless dispenser (left) prevents secondary infection compared to traditional manual pump dispensers (right).

Key features include:

- **Automatic Touchless Operation:** Built-in infrared sensor for hands-free dispensing.
- **Versatile Placement:** Can be used as a desktop unit or wall-mounted to save space.
- **Energy Efficient:** Powered by 2 AA batteries (not included).
- **Optimal Capacity:** 250ml reservoir, providing approximately 200 uses per fill.
- **Durable Material:** Constructed from ABS plastic, which is waterproof and easy to clean.



Figure 2: The Deerma XS100 is suitable for use in multiple locations such as hospitals, schools, kitchens, and offices.

SETUP AND INSTALLATION

Follow these steps to set up your Deerma XS100 soap dispenser for first use.

1. **Install Batteries:** Open the battery compartment. Insert two "AA" batteries, ensuring correct polarity (+/-). Close the battery cover securely.
2. **Fill with Soap Liquid:** Open the top lid of the dispenser. Carefully pour your preferred liquid soap into the tank, ensuring not to exceed the "Max" fill line. Close the lid properly.
3. **Power On:** Locate the power switch, typically at the bottom or rear of the unit. Turn the switch to the "I" position to start the product.
4. **Initial Dispensing:** Place your hand under the infrared sensing area. The dispenser will activate and dispense liquid soap. It may take a few seconds for the liquid to prime and dispense on the first use.

Available in multiple occasions



Figure 3: Step-by-step guide for convenient operation, including battery installation, soap filling, power activation, and hand sensing.

Placement Options

The Deerma XS100 offers flexible placement options:

- **Desktop Use:** Simply place the dispenser on any flat surface, such as a kitchen counter or bathroom vanity. No installation required.
- **Wall-Mounted:** For space-saving, the dispenser can be mounted on a wall. *Note: Hanging panel and other setting tools are not included with the product.*



Figure 4: The dispenser can be placed on a desk or wall-mounted to suit your needs.

OPERATING INSTRUCTIONS

The Deerma XS100 is designed for simple and efficient operation.

To dispense soap, simply place your hand directly under the nozzle. The built-in infrared sensor will detect your hand within a sensing area of 0-10 cm and automatically dispense approximately 1.2-1.5g of liquid soap. The dispensing process is quick, typically taking about 1.4 seconds.



Figure 5: Place your hand under the sensor for automatic soap dispensing.



250ML Hand Sanitizer Dispenser



Battery Control
2*AA Battery (Not Included)



Infrared Sensing
Sensor Distance 0–10CM



Dispense Evenly
Liquid Volume $\approx 1.5\text{g/Time}$



Water Resistant
IPX5 Waterproof Grade

Figure 6: The infrared sensor detects hands within 0-10 cm, dispensing soap in approximately 1.4 seconds.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Deerma XS100 soap dispenser.

Cleaning

The dispenser is made of ABS material and has an IPX5 waterproof rating, making it easy to clean. Wipe the exterior with a soft, damp cloth. Do not submerge the unit in water or use abrasive cleaners.

Convenient Operation



Install two “AA” batteries with the correct polarity, and close the battery cover properly.



Pour soap liquid into the tank, and install the cover properly.



Turn the switch to “I” to start the product.



Stretch your hand into the infrared sensing area until liquid comes out.

Figure 7: The dispenser is waterproof (IPX5) and made of easy-to-clean ABS material.

Refilling Soap

When the soap level is low, simply open the top lid and refill the reservoir with liquid soap. Ensure the lid is securely closed after refilling to prevent spills and maintain hygiene.

Battery Replacement

When the dispensing performance decreases or the unit stops functioning, it may be time to replace the batteries. Open the battery compartment, remove the old AA batteries, and insert new ones, observing correct polarity. Dispose of used batteries responsibly.

TROUBLESHOOTING

If you encounter issues with your Deerma XS100 soap dispenser, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Dispenser does not activate or dispense soap.	Low or dead batteries. Power switch is off. Soap reservoir is empty. Sensor obstructed or dirty.	Replace with new AA batteries. Ensure power switch is in the "I" (On) position. Refill the soap reservoir. Clean the sensor area with a soft, dry cloth.
Soap dispenses randomly or continuously.	Sensor interference from direct sunlight or strong artificial light. Obstruction near the sensor.	Relocate the dispenser away from direct sunlight or strong light sources. Ensure no objects are within the sensor's detection range when not in use.
Dispensing volume is too high or too low.	Soap consistency. Low battery power affecting pump.	Ensure soap is of appropriate consistency for automatic dispensers. Dilute if too thick. Replace batteries.

SPECIFICATIONS

Detailed technical specifications for the Deerma XS100 Touchless Auto-Sensing Soap Dispenser:

Feature	Detail
Model Number	XS100
Brand	Deerma
Capacity	250 ml
Dispensing Volume	Approx. 1.2 - 1.5 g per dispense
Power Source	2 x AA Batteries (not included)
Sensing Distance	0 - 10 cm
Dispensing Time	Approx. 1.4 seconds
Material	ABS Plastic
Color	White
Product Dimensions (L x W x H)	12.5 x 9 x 19 cm
Item Weight	420 g
Waterproof Rating	IPX5



Figure 8: Visual representation of the dispenser's dimensions and key specifications.

WARRANTY AND SUPPORT

Warranty Information

This product is covered by a standard warranty policy. For detailed information regarding warranty terms and conditions, please refer to the official Deerma warranty documentation or contact customer support.

Customer Support

For any questions, technical assistance, or support inquiries regarding your Deerma XS100 soap dispenser, please contact the manufacturer or authorized importer:

- **Manufacturer:** Deerma, Guangdong Deerma Technology Co., Ltd.
- **Importer (India):** ALLIN IMPEX SERVICES PVT LTD
- **Address:** C-38, SECTOR-63, NOIDA, UP, 201301, India
- **Mobile:** 9313132789

- **Email:** sales@allinexporters.com

Please have your product model number (XS100) and purchase details ready when contacting support.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question