

Customer Care Centre

TAMIL NADU

- Avadi**- Ph:044-26555387.
ccavadi@preethi.in
- Kellys**- Ph:044-26420318.
cckellys@preethi.in
- Porur**- Ph:044-24761797.
ccporur@preethi.in
- T.Nagar**- Ph:044-24347418.
ccctnagar@preethi.in
- Tambaram**- Ph:044-22261510.
ccctambaram@preethi.in
- Adayar**- Ph:044-24462099.
cccadayar@preethi.in
- Chidambaram**- Ph:04144-223256.
ccchidambaram@preethi.in
- Coimbatore**- Ph:0422-2232687.
cccoimbatore@preethi.in
- Coimbatore**- Ph:0422-2540687.
cccoimbatore2@preethi.in
- Coonoor**- Ph:0423-2236878.
cccoonoor@preethi.in
- Dharmapuri**- Ph: 04342-263233.
cccdharmapuri@preethi.in
- Dindugul**- Ph:0451-2423060.
cccdindigul@preethi.in
- Erode**- Ph:0424-2221200.
cccerode@preethi.in
- Gobichettipalayam**- Ph:04285-228889.
cccgobi@preethi.in
- Hosur**- Ph:04344-243434
ccchosur@preethi.in
- Kancheepuram**- Ph:044-27230492.
ccckancheepuram@preethi.in
- Karaikal**- Ph:04368-225818.
ccckaraikal@preethi.in
- Karaikudi**- Ph:04565-236376.
ccckaraikudi@preethi.in
- Karur**- Ph:04324-241989.
ccckarur@preethi.in
- Kumbakonam**- Ph:0435-2425142.
ccckumabakonam@preethi.in
- Madurai**- Ph:0452-2347386.
cccmadurai@preethi.in
- Mayavaram**- Ph:04364-241202.
cccmayavaram@preethi.in
- Nagercoil**- Ph:04652-244505.
cccnagarcoil@preethi.in
- Namakkal**- Ph:04286-222592.
cccnamakkal@preethi.in
- Puducherry**- Ph:0413-2229599.
cccpuducherry@preethi.in
- Pudukottai**- Ph:04322-224195.
cccpudukkottai@preethi.in
- Ramanathapuram**- Ph:04567-222344.
cccrarnnad@preethi.in
- Salem**- Ph: 0427-2250578.
cccsalem@preethi.in
- Tanjore**- Ph:04362-273565.
ccctanjore@preethi.in
- Theni**- Ph: 04546-253603.
ccctheni@preethi.in
- Tirunelveli**- Ph:0462-2321824.
ccctirunelveli@preethi.in
- Tiruppur**- Ph:0421-4240234.
ccctirupur@preethi.in
- Tiruvannamalai**- Ph:04175-254900.
ccctvmalai@preethi.in
- Tiruvarur**- Ph:04366-220766.

- cccthiruvarur@preethi.in
 - Trichy**- Ph:0431-2751288.
ccctrichy@preethi.in
 - Trichy**- Ph:0431-2415181.
ccctrichycnt@preethi.in
 - Tuticorin**- Ph:0461-2331668.
ccctuticorin@preethi.in
 - Udumalpet**- Ph:04252-221477.
cccdudumalpet@preethi.in
 - Vellore**- Ph:0416-2215916.
cccvellore@preethi.in
 - Villupuram**- Ph:04146-227008.
cccvillupuram@preethi.in
 - Virudhunagar**- Ph:04562-420624.
cccvirudhunagar@preethi.in
- ### KARNATAKA
- Bengaluru**- Ph:080-25452466
ccchennur@preethi.in
 - Bangalore 1**- Ph:080-2222583,
22130362. ccjbnblr@preethi.in
 - Bangalore 2**- Ph:080-23324161.
cccrnblr@preethi.in
 - Belgaum**- Ph: 0831-2464093.
cccbelgaum@preethi.in
 - Bellary**- Ph:0839-2277139.
cccbellary@preethi.in
 - Goa**- Ph:0832 -2445085.
ccgoa@preethi.in
 - Hubli**- Ph:0836-2352077.
ccchubli@preethi.in
 - Mangalore**- Ph: 0824-2410434.
cccmangalore@preethi.in
 - Mysore**- Ph:0821-2443966.
cccmysore@preethi.in
 - Shimoga**- Ph: 08182-403578.
ccoshimoga@preethi.in
- ### ANDHRA PRADESH
- Karur**- Ph:08812-221841.
ccceluru@preethi.in
 - Guntur**- Ph:0863-2214551.
cccguntur@preethi.in
 - Kukatpalli**- Ph:040-23063848.
ccckukatpalli@preethi.in
 - Hyderabad**- Ph:040-27661588.
ccchyderabad@preethi.in
 - Saroor nagar**- Ph:040-24044858.
ccchydsmn@preethi.in
 - Kadappa**- Ph:08562-246552.
ccckadappa@preethi.in
 - Karim Nagar**- Ph:0878-2245211.
ccckarimnagar@preethi.in
 - Khammam**- Ph:08742-228970.
ccckhammam@preethi.in
 - Kurnool**- Ph:08374000985.
ccckurnool@preethi.in
 - Mancherial**- Ph:08736-254222.
cccmanchireal@preethi.in
 - Nellore**- Ph:0861-2321998.
cccnellore@preethi.in
 - Nizamabad**- Ph:08462-229526.
cccnizamabad@preethi.in
 - Ongole**- Ph:08592-284914.
cccongole@preethi.in
 - Rajahmundry**- Ph:0883-2441321.
cccrajahmundry@preethi.in
 - Secunderabad**- Ph:040-27819516.
ccscseunderabad@preethi.in
 - Srikakulam**- Ph:08942-222448.

- cccsrikakulam@preethi.in
 - Tirupathi**- Ph:0877-2258966.
cccthirupathi@preethi.in
 - Vijayawada**- Ph:0866-2431158.
cccvijayawada@preethi.in
 - Vizag**- Ph:0891-2541915.
cccvizag@preethi.in
 - Vizianagaram**- Ph:08922-226629.
cccvizianagaram@preethi.in
 - Warangal**- Ph:09000101820.
ccowarangal@preethi.in
- ### KERALA
- Alapuzha**- Ph:0477-2230896.
cccalapuzha@preethi.in
 - Attingal**- Ph: 0470-2620165.
cccattingal@preethi.in
 - Balarampuram**- Ph: 0471-2408461.
cccbalarampuram@preethi.in
 - Calicut**- Ph:0495-2724080.
cccalicut@preethi.in
 - Chengancherry**- Ph:0481-2424383.
ccchanga@preethi.in
 - Cochin**- Ph:0484-2370781.
cccernakulam@preethi.in
 - Kanhangad**- Ph:0467-2200799.
ccckanhangad@preethi.in
 - Kannur**- Ph:0497-2765948.
ccckannur@preethi.in
 - Kollam**- Ph:0474-2708800.
ccckollam@preethi.in
 - Kottayam**- Ph:0481-2584793.
ccckottayam@preethi.in
 - Malappuram**- Ph:0494-2429955.
cccmalappuram@preethi.in
 - Palakkad**- Ph:0491-2536016.
cccpalakkad@preethi.in
 - Pathanamthitta**- Ph:0468-2325605.
cccpathanamthitta@preethi.in
 - Perambavoor**- Ph:09207728100.
ccperumbavoor@preethi.in
 - Thalassery**- Ph:0490-2341761.
cccthalassery@preethi.in
 - Thodupuzha**- Ph:0486-2220292.
cccthodupuzha@preethi.in
 - Thrissur**- Ph:0487-2380919.
ccctrissur@preethi.in
 - Tripunnithra**- Ph:0484-2778728.
ccctripunnithura@preethi.in
 - Trivandrum**- Ph:0471-2341216.
ccctrivandrum@preethi.in
- ### MAHARASTRA
- Mumbai**- Ph:09940000005
cccmumbai@preethi.in
 - Pune**- Ph:09940000005.
cccpune@preethi.in
 - Nagpur**- Ph:09940000005
cccnagpur@preethi.in
 - Kolaphur**- Ph:09940000005
ccckolaphur@preethi.in
 - Nashik**- Ph:09940000005
cccnashik@preethi.in
- ### ODISHA
- Bhubaneshwar**- Ph: 09940000005
cccbhubaneshwar@preethi.in
- ### GUJARAT
- Ahmadabad**- Ph: 09940000005
cccahmadabad@preethi.in

Preethi[®]

CRYSTAL



5 YEAR
MOTOR
WARRANTY

2 YEAR
PRODUCT
GUARANTEE

LIFELONG
FREE
SERVICE

* As per consumer durable market study 2014. **Based on the internal testing standards and validated by third party laboratory testing for urad dal and rice, considering 2 mins of cleaning time after every 2 mins operation.

Continuous grinding performance guaranteed

Grinds up to 500 kg of batter in batches**

INSTRUCTION MANUAL

Technical Specifications:

Model Number	: Crtstal - MG 224
Voltage	: 230V ~ 50 Hz.
Power Consumption	: 500 Watt
Insulation	: Class F
Protection	: Class II
Protection against dust and moisture	: Ordinary
Protection against ingress of water	: IPX0
Rating	: Ordinary total rated ON time 30 minutes (max), Continuous ON for 5 minutes (max.) and Off for 2 minutes (min.) Rest time 45 minutes
Motor	: Universal 500 Watt high power motor. No load speed 22,000 RPM (approx.) With load speed 11,500 RPM (approx.)
Material of Body	: ABS
Material of Jars	: Stainless steel
Blade Assemblies	: Stainless steel, machine ground and polished.
Speed Controls	: Rotary switch with 3 speed and incher.
Flex Cord	: PVC insulated flexicord with plugtop
Country of Origin	: INDIA

Standard Recipes

No.	Jar Capacity	Recipe	Quantity	Speed	Time
1.	Big Jar 1.5 Litre	Urad Dal	125g + 338ml water soaked for 6-8hrs. Add 50ml water	P1,2,3	5.0 min
		Rice	250g + 282ml water soaked for 6-8hrs. Add 50ml water	P1,2,3	5.0 min
2.	Medium Jar 1.0 Litre	Garam Masala	150g of assorted spices roasted and cooled	P1,2,3	2.0 min
		Wet Masala	150g onion + 100g tomato	P1,2,3	2.0 min
3.	Small Jar 0.33 Litre	Ginger garlic paste	50g ginger + 50g garlic	P1,2,3	1.5 min
4.	Appliance not suitable for Whisking Egg Whites				

*Minimum capacity for all the above at-least up to blade level

Gross Weight	4 Kgs. (approx.)
Size of Carton	368mm(L) x 217mm (W) x 318mm (H)
Guarantee	2 Years Guarantee on the Mixie
Warranty	5 Years Warranty on the Motor

In pursuance with our policy of continuous product improvement, specifications are subject to change without notice.

MADE IN INDIA

Customer Support >>>	One number for all your queries	One address for all your communication	Social Media >>>	Like Us:	www.facebook.com/PreethikitchenAppliances
	99400 00005	care@preethi.in		Follow Us:	www.twitter.com/PreethiIndia
				Subscribe Us:	www.youtube.com/user/PreethiIndia

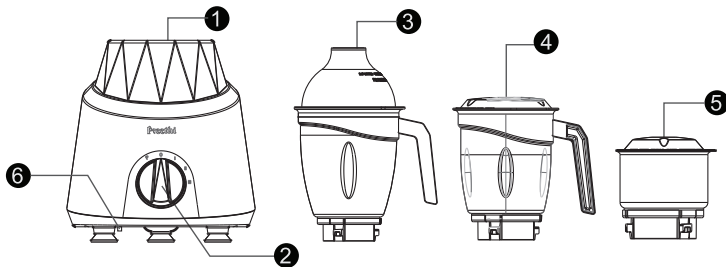
Philips Domestic Appliances India Ltd.

Futura Tech Park, Q4, 4th Floor, Block-B, #334, Rajiv Gandhi Salai, (OMR), Sholinganallur, Chennai-600119.

INDIA. Ph:+91-44-24501042, +91-44-24501044. Email: info@preethi.in | Web: www.preethi.in

MADE IN INDIA

Know your Preethi Crystal



1. Base unit with 500 W motor
2. Switch knob
3. 1.5 Litre Wet grinding Jar with fixed Blade
4. 1.0 Litre Dry grinding Jar with fixed Blade
5. 0.3 Litre Chutney Jar with fixed blade
6. Over Load Protector

Note:

Jar Placing : Place the Jar on the Top Cap, Ensuring that the locks fit properly in the Jar locking Grooves of the Top Cap.

Dome : Ensure that the Dome Gasket is properly fitted and hold Dome gently while operating

Speed Control : Turn Rotary Switch clockwise for speed 1,2 or 3 as desired. Inching-Turn Rotary Switch anti-clockwise for a few seconds and release or momentary operation. (*Inching is especially useful for wet grinding of chutneys, crushing ice, etc.,*)

Wash before 1st use: Take some warm soapy water in the jar so that the blade is completely immersed and close it with lid. Fix the jar in the main unit & run it for a minute. Then pour out the soapy water & fill it with clean water and repeat the process till any trace of soap is removed.

How to use your Preethi Crystal

PREETHI is provided with PVC insulated flexicord with plugtop, Plug the Power Cord to a 230 V ~ 50 Hz supply only. If the supply cord is damaged, it must be replaced by the manufacturer or its authorised service agent only in order to avoid a hazard.

Grinding Instructions:

ROASTED CEREALS, RAW RICE, DAL, CHILLI POWDER, GARAM MASALA, DHANIYA JEERA POWDER, CURRY LEAF POWDER, COFFEE POWDER, SAMBAR / RASAM POWDER....

- Ensure Blade, Jar, Lid and ingredients are totally dry.
- Run on Speed 3.
- If you need finer powder, wait for 1 minute and grind again for 1 to 2 minutes.

IDLI, DOSA, UTHAPPAM, APPAM, PESARATTU, VADAI...

- Soak Rice/Dal for 4 to 5 hours or as required.
- Drain water from ingredients.
- Run on Speed 3 adding water gradually when required.

- If Material sticks to the sides of the Jar, stop and stir using Stirrer, run again.
- Ensure free circulation by adding enough water.
- Do not allow batter to get heated up.
- Do not add too much water, where thick paste is required.
- Grind twice if quantity is more.

Note: While wet grinding tough batter, air bubbles may enter the paste. This will result in the blade rotating freely and an increase in noise. If so, stop, stir the paste and restart.

COCONUT, TOMATO, ONION, CORIANDER, MINT CHUTNEY

- Inch 5 to 7 times to powder ingredients.
- Then add water as required.
- Grind on Speed 3

Caution: This appliance is not intended for usage/cleaning/maintenance by persons (Including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they (Children should be aged 8 years and above) have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.



1. When operating the Grinder for the first time or after long storage or when the Mixie has been shifted over a long distance, rotate the Motor Shaft by hand through the Motor Coupler, until the Motor Shaft rotates freely.
2. Unplug from power socket before fixing, removing attachments and also while cleaning or when not in use.
3. **Ensure that the locks of the Stainless Steel Jar Housing are properly seated in the locking grooves provided inside the Top Cap and Dome is fixed properly on the Jar before starting the Mixie.**
4. **Ensure Blade is fitted properly before running.**
5. Check if the voltage indicated on the base of the appliance, corresponds to the local electrical main voltage before connecting the appliance.
6. Always unplug the appliance after use.

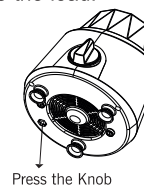


1. Do not touch moving parts, while operating Mixie.
2. Do not overload Mixie. When hot air emanates from the opening on the Top Cap, switch off the Mixie and wait for 3-5 minutes, before re-starting.
3. Do not remove Dome and add solid ingredients, when the Motor is running.
4. Do not operate with damaged Power Cord.
5. Do not tamper or attempt to repair Grinder on your own, Contact nearest Preethi Customer Care Centre.
6. Do not grind hot ingredients in the Grinder.
7. Do not run the Grinder without Top Dome /Lid fixed on the Jar.
8. Do not place the Jar on Top cap of Base unit when the Switch is in "ON" Condition.
9. Never put your hand inside the Jar, without switching OFF the power supply.
10. Do not place the appliances on an unstable surface.
11. Do not move the appliances during operation.
12. This appliance should not be used 2000metres above the sea level.
13. Children should be supervised to ensure that they do not play with the appliance.
14. Cleaning and user maintenance shall not be used by children. Keep the appliance and its cord out of reach of children.
15. Do not use the appliance when the mains cord, the plug or other components are damaged. Only the company or service center authorized by Preethi must replace it.
16. Never touch food in the jar by hand. Always use a spatula.
17. Never leave the appliance running unattended.
18. Keep the appliance away from the source of heat like gas or electric stove.
19. Do not run the appliance with the jar empty.
20. Never load the jar with ingredients beyond the maximum level (See "Guide to Function" on same page for standard recipes details).
21. Do not use any attachment other than those provided or recommended by the manufacturer. It may cause hazards.

Overload Protector

If the Mixie stops while in usage due to operation of the Overload Protector, then:

1. First switch OFF the Mixie & unplug the power cord.
2. Remove some material which is being ground from the Jar decrease the load.
3. Wait for 3-5 minutes.
4. Lift the Unit and press the KNOB projecting out of Bottom plate.
5. Re-start the Mixie.



Press the Knob

CLEANING

Cleaning the Mixer Body and Top Cap

1. Clean Body and Top Cap with a damp cloth and wipe dry.
2. Do not use abrasives or water for cleaning.

Cleaning the Stainless Steel Jars and Blades

1. Fill in ½ litre of water and a teaspoon of any mild cleaning powder.
2. Run the Mixer Grinder on Speed 1 for 30 seconds, leaving the Blade fixed to the Spindle of the Stainless Steel Jar.
3. Rinse and dry.
4. Always store Jars in inverted position to allow water to drain off.