



# Panasonic®

## OPERATING INSTRUCTIONS AND RECIPES

Automatic Bread Maker (Household Use)

## GEBRAUCHSANWEISUNG UND REZEPTE

Brotbackautomat (Hausgebrauch)

## MODE D'EMPLOI ET RECETTES

Machine à pain automatique (Usage domestique)

## BEDIENINGSHANDLEIDING EN RECEPTEN

Automatische Broodbakoven (Voor huishoudelijk gebruik)

## MANUALE PER L'USO E RICETTE

Macchina per pane automatica (Utilizzo Domestico)

## INSTRUKCJA OBSŁUGI I PRZEPISY

Automatyczny wypiekacz do chleba (Do użytku domowego)

## KEZELÉSI KÉZIKÖNYV ÉS RECEPTEK

Automata kenyérsütő gép (Háztartási használatra)

Model No. / Modell Nr. / Modèle n° / Modelnr. / Modello n° / Model / Típuszám

# SD-YR2550/SD-R2530

English

Deutsch

Français

Nederlands

Italiano

Polski

Magyar



SD-YR2550



Thank you for purchasing the Panasonic product.

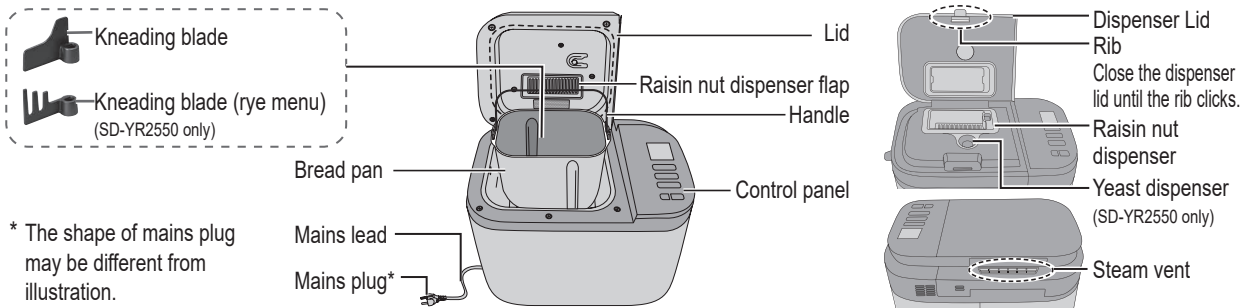
- For this product, there are 2 instructions. This is “OPERATING MANUAL AND RECIPES”, the other one is “OPERATING INSTRUCTIONS” which includes content of Safety Precautions, Cleaning & Care and so on.  
Please read 2 instructions carefully to use the product correctly and safely.
- Before using this product **please give your special attention to “Safety Precautions” and “Important Information” of “OPERATING INSTRUCTIONS”**. (P. GB2-GB5).
- This product is intended for household use only.
- Please keep 2 instructions for future use.
- Panasonic will not accept any liability if the appliance is subject to improper use, or failure to comply with these instructions.

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## Parts Names and Instructions

### Main Unit

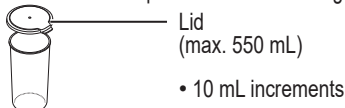


\* The shape of mains plug may be different from illustration.

### Accessories

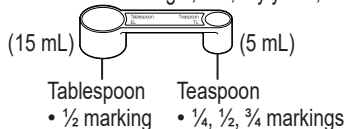
#### Sourdough cup

To measure out liquids or make sourdough starter.



#### Measuring spoon

To measure out sugar, salt, dry yeast, etc.



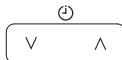
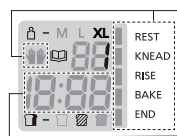
#### Sourdough starter spoon

To measure out sourdough starter yeast.



### Control Panel and Display

- Picture shows all words and symbols, but only those relevant will be displayed during operation.



- **Operation status** Displayed for the current stage of the program except . : Provide an indication of doing manual operation. (See P. GB4 - GB5 for menu number.)

- **Time showing** • Time remaining until ready.
  - Menu required some manual steps, display will show the remaining time until starting its process after press button.

- **Menu** • Press or once to be a setting mode.
  - Press or again to change Menu number. (To advance more quickly, hold the button.) (See P. GB4 - GB5 for menu number.)

- **Size** To choose the size.

- **Crust** To choose the crust colour.

- **Timer** • Set delay timer (time until bread is ready). For available menu, it can be set up to 13 hours (except menu sourdough only set up to 9 hours).
  - Setting time for Sweet Menus.

- **Start** To start the program.

- **Stop** To cancel the setting / stop the program. (Hold for approximately 1 second.)



# Bread-making Ingredients

It is extremely important to use the correct measure of ingredients for best results.

## Liquid ingredients

Use the sourdough cup or measuring spoon provided.

If the recipes indicate a mixture (the liquid plus egg), should be weighted on scales. Using digital scale is recommended.

## Dry ingredients

Should be weighed on scales or measured with measuring spoon provided for the small amounts. Using digital scale is recommended.

English

### Flour

Main ingredient of bread. The protein in flour forms gluten during kneading. Gluten provides structure and texture and helps the bread to rise.

Use strong flour. Strong flour is milled from the wheat and has a high content of protein which is necessary for the development of gluten. Carbon dioxide produced during fermentation is trapped within the elastic network of gluten, thus making the dough rise.

#### White flour

Made by grinding wheat kernel, excluding bran and germ. The best kind of flour for baking bread is a flour marked "for bread baking".

Do not use plain or self-raising flour as a substitute for bread flour.

#### Whole wheat flour

Made by grinding entire wheat kernel, including bran and germ. Makes very health-giving bread. This bread is lower in height and heavier than bread baked with white flour.

#### Rye flour

Made by grinding rye kernel. Contains more iron, magnesium and potassium, which contribute to good health.

Due to the low gluten content, it makes a dense, heavier bread.

Do not use more than stated quantity (could overload motor).

### Dry yeast

Enables the bread to rise.

Be sure to use dry yeast that does not require pre-fermentation. Do not use yeast that requires preliminary fermentation. Dry yeast which has "Easy blend", "Fast Action" or "Easy Bake" written on the packet is recommended. When using dry yeast from sachets, seal the sachet again immediately after use. To store, follow the Manufacturer's instructions and discard after 48 hours of opening. It is recommended on most yeast packets to keep in a cool dry place.

### Dairy products

Add flavour and nutritional value.

• If you use milk instead of water, the nutritional value of the bread will be higher, but do not use in timer setting as it may not keep fresh overnight.

→ Reduce the amount of water proportionally to the amount of milk.

### Sugar (granulated sugar, brown sugar, honey, treacle, etc.)

Food for the dry yeast, sweetens and adds flavour to the bread, changes the colour of the crust.

• Use less sugar if using raisins or other fruits, which contain fructose.

### Water

Use normal tap water.

When room temperature is low, use tepid water for menu "Basic Rapid", "Bread Mix", "Bread Mix Raisin", "Whole Wheat Rapid", "Rye", "Gluten Free Bread" or "Gluten Free Pasta".

When room temperature is high, use chilled water for menu "Rye", "French" or "Brioche".

Always measure out liquids using the sourdough cup provided.

### Salt

Improves the flavour and strengthens gluten to help the bread rise. The bread may lose size/flavour if measuring is inaccurate.

### Fat

Adds flavour and softness to the bread.

Use butter (unsalted), margarine or oil.

## You can make your bread taste better by adding other ingredients.

### ■ Eggs

Improve the nutritional value and colouring of the bread. (Water amount must be reduced proportionally.) Beat eggs when adding eggs. Do not use the timer for the recipe with egg. (Eggs go rotten quickly if your room temperature is high.)

### ■ Bran

Increases the bread's fibre content.

• Use max. 50 g (5 tbsp).

### ■ Wheat germ

Gives the bread a nuttier flavour.

• Use max. 50 g (4 tbsp).

### ■ Spices, herbs

Enhance the flavour of the bread.

• Only use a small amount (max. 1 tbsp).

## If using a bread mix...

### ■ Bread mixes including dry yeast

① Place the mix in the bread pan, then add water.

(Follow instructions on the packet for the quantity of water)

② Select menu 5 or 6.

• With some mixes, it is not clear how much dry yeast is included, so some trial and error may be required to obtain optimum results.

### ■ Bread mix with separate dry yeast sachet

① First place the bread mix in the bread pan, then the water. Then place the measured dry yeast in the yeast dispenser.

(For SD-R2530, place the dry yeast in the bread pan first, then the bread mix, then the water.)

② Set the machine according to the type of flour included in the mix, and start the baking.

• White flour - recommended for menu 5, 6.

• Brown flour - menu 1

• Whole wheat - menu 7

• Rye flour - menu 12 (SD-YR2550 only)

### ■ Baking brioche with brioche mix

Select the menu 10 or 2 - "Medium" size - "Light" crust colour.

**Tips:** The outcome differs depending on the type of mixed flour.

# Menu Charts and Baking Options

## Function Availability and Time Required

● The machine stops or moves during process based on the operating program. ● Time required for each process will differ according to room temperature.

	Menu Number		Menu	Options			Processes					Remark	Refer. Page
	SD-YR2550	SD-R2530		Size	Crust	Timer	Rest	Knead	Rise	Bake	Total		
Bread	1	1	Basic	✓	✓	✓	30 – 60 min	20 – 30 min *4	1 h 50 min – 2 h 20 min	50 – 55 min	4 h – 4 h 5 min	—	P. GB6 - GB7
	2	2	Basic Rapid	✓	✓	—	—	15 – 20 min	1 h 50 min – 2 h 20 min	35 – 40 min	1 h 55 min – 2 h	—	P. GB6 - GB7
	3	3	Basic Raisin	✓	✓*1	✓	30 – 60 min	15 – 30 min *4	1 h 50 min – 2 h 20 min	50 min	4 h	—	P. GB6 - GB7
	4	4	Basic Stuffed	✓	✓	✓	30 – 60 min	25 – 30 min *4	1 h 45 min – 2 h 10 min	50 – 55 min	4 h – 4 h 5 min	✓	P. GB6 - GB7
	5	5	Bread Mix	—	✓	—	—	30 min *4	1 h 15 min	45 min	2 h 30 min	—	P. GB6, GB8
	6	6	Bread Mix Raisin	—	✓	—	—	30 min *4	1 h 15 min	45 min	2 h 30 min	—	P. GB6, GB8
	7	7	Whole wheat	✓	—	✓	1 h – 1 h 40 min	15 – 25 min *4	2 h 10 min – 2 h 50 min	50 min	5 h	—	P. GB6 - GB7
	8	8	Whole wheat Rapid	✓	—	—	15 – 25 min	15 – 25 min *4	1 h 30 min – 1 h 40 min	45 min	3 h	—	P. GB6 - GB7
	9	9	Whole wheat Raisin	✓	—	✓	1 h – 1 h 40 min	15 – 25 min *4	2 h 10 min – 2 h 50 min	50 min	5 h	—	P. GB6 - GB7
	10	10	Brioche	—	✓*1	—	20 min	30 – 60 min *4	1 h 20 min – 1 h 30 min	45 min	3 h 30 min	✓	P. GB6, GB9
	11	11	French	—	—	✓	—	20 min	4 h 30 min	50 min	5 h 40 min	—	P. GB6 - GB7
	12	—	Rye	—	—	✓	45 – 60 min	approx. 10 min	1 h 20 min – 1 h 35 min	1 h	3 h 30 min	—	P. GB6 - GB7
	13	12	Sourdough	—	—	✓*3	0 – 55 min	45 – 55 min *5	2 h 25 min – 3 h 10 min	55 min	5 h	—	P. GB9
Gluten Free	14	13	Gluten Free Bread	—	✓*2	—	—	20 – 25 min *7	35 – 40 min	50 – 55 min	1 h 50 min – 1 h 55 min	✓	P. GB6, GB10
	15	14	Gluten Free Cake	—	—	—	—	20 min *6	—	1 h 30 min	1 h 50 min	✓	P. GB6, GB10
	16	15	Gluten Free Pizza	—	—	—	—	20 – 25 min *7	5 – 10 min	—	30 min	✓	P. GB6, GB11
	17	16	Gluten Free Pasta	—	—	—	—	15 min *7	—	—	15 min	✓	P. GB6, GB11

- Abbreviations used in this instructions, a full name written as follows: min = minute (s); h = hour (s); approx. = approximately.
- Remark (): The menu is available to do manual operation such as adding extra ingredients and scraping the flour from sidewall of bread pan, when the beep sounds.



	Menu Number		Menu	Options			Processes					Remark	Refer. Page	English
	SD-YR2550	SD-R2530		Size	Crust	Timer	Rest	Knead	Rise	Bake	Total			
Dough	18	17	Basic	—	—	—	30 – 50 min	15 – 30 min *4	1 h 10 min – 1 h 30 min	—	2 h 20 min	—	P. GB6 - GB7	
	19	18	Basic Raisin	—	—	—	30 – 50 min	15 – 30 min *4	1 h 10 min – 1 h 30 min	—	2 h 20 min	—	P. GB6 - GB7	
	20	19	Whole wheat	—	—	—	55 min – 1 h 25 min	15 – 25 min *4	1 h 30 min – 2 h	—	3 h 15 min	—	P. GB6 - GB7	
	21	20	Whole wheat Raisin	—	—	—	55 min – 1 h 25 min	15 – 25 min *4	1 h 30 min – 2 h	—	3 h 15 min	—	P. GB6 - GB7	
	22	21	Sourdough Dough	—	—	—	0 – 40 min	45 – 55 min *5	1 h 5 min – 1 h 35 min	—	2 h 30 min	—	P. GB9	
	23	22	Sourdough Starter	—	—	—	—	—	24 h	—	24 h	—	P. GB9	
	24	23	Pizza	—	—	✓	(Knead) 10 – 18 min	(Rise) 7 – 15 min	(Knead) approx. 10 min	(Rise) approx. 10 min	45 min	—	P. GB6 - GB7	
Sweet	25	24	Cake	—	—	—	—	20 min *6	—	1 h 35 min	1 h 55 min	✓	P. GB6, GB11	
	26	25	Bake Only	—	—	—	—	—	—	30 min– 1 h 30 min	30 min– 1 h 30 min	—	P. GB12	
	27	26	Jam	—	—	—	—	—	—	—	1 h 30 min– 2 h 30 min	—	P. GB12	
	28	27	Compote	—	—	—	—	—	—	—	1 h – 1 h 40 min	—	P. GB12	
Manual	29	28	Cake Kneading	—	—	—	—	20 min (default)	—	—	1 – 20 min	—	P. GB13	
	30	29	Bread Kneading	—	—	—	—	20 min (default)	—	—	1 – 20 min	—	P. GB13	
	31	30	Rise	—	—	—	—	—	30 min (default)	—	10 min – 2 h	—	P. GB13	

- \*1 Only "Light" or "Medium" are available.
- \*2 Only "Medium" or "Dark" are available.
- \*3 Can be set up to 9 hours.
- \*4 There is a period of rise during the knead period.
- \*5 There is a period of rest during the knead period.
- \*6 There is a period of scraping or molding during the knead period.
- \*7 There is a period of scrape off the flour.

# Handling Instructions

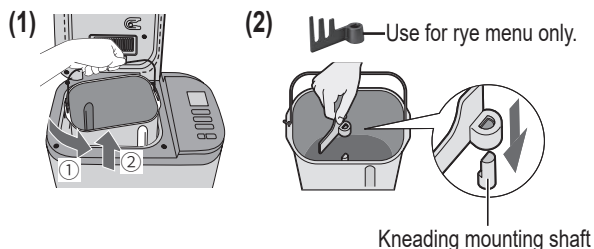
## Before Use

- For the first time use, remove packing material and clean the machine. (See P. GB8 of "OPERATING INSTRUCTIONS")
- Clean the machine when you have not used for a long time. (See P. GB8 of "OPERATING INSTRUCTIONS")

## Preparations

- 1** Open the lid, remove the bread pan (1) and set the kneading blade into the kneading mounting shaft. (2)

- Check around the shaft and inside the kneading blade and ensure that they are clean. (See P. GB8 of "OPERATING INSTRUCTIONS")



- 2** Prepare the ingredients with **exact measurement** according to the recipe

### For SD-YR2550

- 3** **1** Place the measured ingredients into the bread pan in the order listed in the recipes.

- Pour liquid in the edge of bread pan's sidewall to avoid splashing. (3)

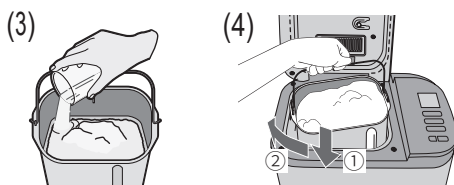
- 2** Wipe off any moisture and flour around the bread pan, and return it into the main unit. (4) **Close the lid.**

- Place the dry yeast into the yeast dispenser for available menus. (5)

If the yeast dispenser is wet, absorb wetness with tissue etc. (Do not rub the yeast dispenser, otherwise the dry yeast will not drop into the bread pan due to static.)

- Add additional ingredients into the raisin nut dispenser for available menus. (See P. GB8)

- For optimum results, do not open the lid unless the menu requires, as it affects bread quality.



- 4** Plug the machine into 230 V socket.

### For SD-R2530

- 3** **1** Place the measured ingredients into the bread pan in the order listed in the recipes.

- For bread and dough menus, dry yeast should be placed first.

- ① Place dry yeast away from the kneading blade and kneading mounting shaft. If some of the dry yeast get into it, bread may not rise well.

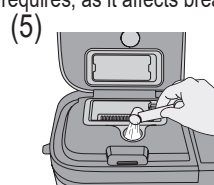
- ② Place dry ingredients over the dry yeast. It must be kept separate from any liquid until mixing commences.

- Pour liquid in the edge of bread pan's sidewall to avoid splashing. (3)

- 2** Wipe off any moisture and flour around the bread pan, and return it into the main unit. (4) **Close the lid.**

- Add additional ingredients into the raisin nut dispenser for available menus. (See P. GB8)

- For optimum results, do not open the lid unless the menu requires, as it affects bread quality.



**Make sure to complete the preparation steps before setting menu.**



## Baking Bread



Turn to P. GB14 - GB15 for recipes.

**5** Press  $\wedge$  or  $\vee$  button in the Menu (📖) bar to select a bread menu.

- Choose the options for selected menu. (See P. GB4 - GB5)

📏 Bread Size

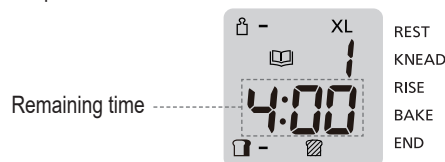
🍞 Crust colour

🕒 Delay timer

**6** Press Start (⏏) button to start the machine.

(The display shows when menu "1" is selected.)

- Display shows the remaining time until the selected program is complete.
- \* The remaining time is changed depending on the room temperature.



- Do manual operation when the beep sounds if you select the certain menus.

(See P. GB4 - GB5, menus with 🙌 icon.)

After that, then press ⏏ button again.

- \* Complete the works while 🙌 is flashing on the display. When 🙌 stop flashing, display shows the remaining time.
- \* Do not add ingredients after display shows remaining time.
- \* Kneading will continue after a certain time without press ⏏ button.

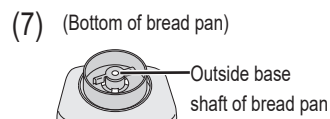
**7** When bread is ready (machine beeps 8 times and the cube (■) near End flashes), press Stop (⏏) button and unplug.

**8** Remove the bread immediately by using dry oven gloves and place it on a wire rack. (6)

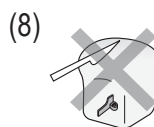
- Hold the handle with oven gloves and shake the bread out.



- Moving the outside base shaft may damage the bread shape. (7)



- Always remove the kneading blade before slicing bread. (8)



Turn to P. GB16 - GB17 for recipes.

## Making Dough

**1 - 4** See P. GB6 of Preparations

**5** Press  $\wedge$  or  $\vee$  button in the Menu (📖) bar to select a dough menu.

**6** Press ⏏ button to start.  
• Display shows the remaining time until the program is complete.

**7** When dough is ready (machine beeps 8 times and the cube (■) near End flashes), press ⏏ button and unplug.

Tips: Timer is not available on doughs menus except Pizza.

### Bread Dough

**8** Shape the finished dough to your favourite shape and allow it to rise until double size, then bake in the oven.

### Pizza Dough

**8** Divide the dough with scraper and shape them into balls.

**9** Cover them with damp kitchen towel and leave it for 10 minutes.

**10** Shape into a flat round and make holes with a fork.

**11** Spread your favourite sauce and desired topping then bake it in the oven.

GB7



# Handling Instructions

## Additional Ingredients (Dried fruits, nuts, bacon, cheese etc.)

### Available Menu

	Bread				Dough	
	Basic Raisin	Basic Stuffed	Bread Mix Raisin	Whole Wheat Raisin	Basic Raisin	Whole Wheat Raisin
SD-YR2550	Menu 3	Menu 4	Menu 6	Menu 9	Menu 19	Menu 21
SD-R2530					Menu 18	Menu 20

To make your flavoured bread, simply place additional ingredients in the raisin nut dispenser or bread pan.

### Attention of ingredients

Follow the recipe/menu instructions for the quantities of each ingredients.

- Otherwise,
- The ingredients may scatter from bread pan to cause unpleasant smells and smoke.
  - The bread may not rise well.

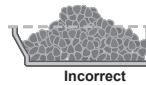
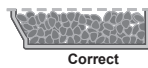
#### Dry/insoluble ingredients (Using raisin nut dispenser - add automatically)

→Place the extra ingredients in the raisin nut dispenser and set the machine.

→Do not overfill the raisin nut dispenser.

##### ■ Dried fruits

- Cut up roughly into approximate 5 mm cubes.
- Sugar-coated ingredients may stick to the raisin nut dispenser and not fall into the bread pan.



##### ■ Nuts, seeds

- Chop finely.
- Nuts impair the effect of gluten, so avoid using too much.
- Using large, hard seeds may scratch the coating of the dispenser and bread pan.

##### ■ Herbs

- Use up to 1 – 2 tsp of dried herbs. For fresh herbs, follow the instructions in the recipe.

##### ■ Bacon, salami, olives, dry tomato

- Sometimes oily ingredients may stick to the raisin nut dispenser and not fall into the bread pan.
- Cut the bacon and the salami into 1 cm cubes.
- Cut the olives into quarters.

#### Moist / viscous / soluble ingredients\*

(Adding into the bread pan by hand - cannot be placed in the raisin nut dispenser)

→Place these ingredients together with the others into the bread pan.

##### ■ Fresh fruits, fruits pickled in alcohol, vegetables

- Only use quantities as in the recipe, as the water content in the ingredients will affect bread.

##### ■ Cheese, chocolate

- Cut the cheese into 1 cm cubes.
- Chop chocolate finely.

\* These ingredients cannot be placed in the raisin nut dispenser as they would stick to it and not fall into the bread pan.

## Bread Mix & Bread Mix Raisin



Turn to P. GB14 for recipes.

**1 – 4** See P. GB6 of Preparations

**5** Select the menu.

	Bread Mix	Bread Mix Raisin
SD-YR2550	Menu 5	Menu 6
SD-R2530	Menu 5	Menu 6

**6** Press button to start.

- Display shows the remaining time until the program is complete.

**7** Press button and remove bread when machine beeps 8 times and the cube (■) near **End** flashes.

**Tips:** The final outcome may differ depending on the actual bread mix used. (There may be greater variation with wheat free bread mixes.)



## Baking Brioche



Turn to P. GB15 for recipes.

- 1 – 4** See P. GB6 of Preparations
- 5** Select menu 10, choose crust colour.
- 6** Press button to start.
  - Display shows the remaining time until the beep sounds.
- 7** After about 55 minutes - 1 hour 5 minutes. **Open the lid when you hear the beep sound. Add the additional butter while is flashing. Close the lid and restart.**
  - Kneading will continue after 5 minutes without press button.

- 8** Press button and remove bread when machine beeps 8 times and the cube () near **End** flashes.

- Tips:**
- Timer is not available on this menu.
  - Do not add butter or extra ingredients after display shows remaining time.
  - When adding extra ingredients such as raisins, add them with the butter in step 7. (Use max. 150 g for ingredients)

### To bake brioche in simple way.

- Cut butter into 1 - 2 cm cubes and keep them in refrigerator.
- Place butter with other ingredients in the beginning and follow step 5.
- Skip step 7 process in this way. This Brioche is a little different from the others.

English

## Sourdough & Sourdough Dough

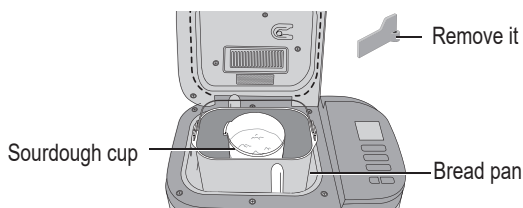


Turn to P. GB15, GB17 for recipes.

### STAGE 1 Making Sourdough Starter

Preparations:

- ① Mix all the ingredients well in the sourdough cup. (Remove the kneading blade)
- ② Put the lid on the sourdough cup.
- ③ Place the sourdough cup in the bread pan.
- ④ Set the bread pan into the main unit, and plug the machine into the socket.



#### 1 Select the menu

Sourdough Starter	
SD-YR2550	Menu 23
SD-R2530	Menu 22

#### 2 Press button to start.

- Display shows the remaining time until the program is complete. (Take SD-YR2550 display as an example)



#### 3 Press button and remove the sourdough cup immediately when machine beeps 8 times and the cube () near **End** flashes.

- When you do not use it immediately, **store it in the refrigerator, but use up within 1 week.**

### STAGE 2 Baking/Making Sourdough

Preparations:

- ① Set the kneading blade into the bread pan.
- ② Pour a cup of sourdough starter into the bread pan.
- ③ **SD-YR2550**
  - 1) Place the ingredients in the bread pan according to the order of recipe.
  - 2) Place the dry yeast in the yeast dispenser.
- SD-R2530**
  - 1) Place the ingredients in the bread pan in the following order: flour → salt → dry yeast (keep away from the salt) → water (keep away from the dry yeast, pour water around flour).
- ④ Set the bread pan into the main unit, and plug the machine into the socket.

#### 1 Select the menu

	Sourdough	Sourdough Dough
SD-YR2550	Menu 13	Menu 22
SD-R2530	Menu 12	Menu 21

#### 2 Press button to start.

- Display shows the remaining time until the program is complete.

#### 3 Press button and remove bread / dough, when machine beeps 8 times and the cube () near **End** flashes.

- Tips:**
- **Timer is available for baking sourdough bread (up to 9 hours).**
  - Shape the finish dough and allow it to rise until doubled in size, then bake in the oven. (Menu: Sourdough Dough)

### To make or storage sourdough starter without failure.

- Do not select a wrong menu.
- Do not take out the sourdough cup until the program is complete.
- Do not mix the new sourdough starter with old one.
- If the sourdough starter is made well, it smells sour and like alcohol.
- When the room temperature is over 30 °C, the sourdough starter goes bad, and the bread does not turn out well.

GB9

# Handling Instructions

## Gluten Free Information

Making gluten free bread is very different from the normal way of producing bread.

It is very important if you are making gluten free bread for health reasons that you have consulted your doctor and follow the guidelines below.

- This program has been developed especially for certain gluten free ingredients, therefore using your own mix may not produce such good results.
  - Gluten free bread cannot rise as much as a traditional bread. It will be of a denser consistency and lighter colour than normal bread.
  - When "gluten free" is selected, the details for each recipe must be followed carefully. (Otherwise, the bread may not turn out well.)
- There are two types of gluten-free baking mixtures; mixtures with low content of gluten and mixtures which do not consist of wheat and contain no gluten. If you have to pick one out using this baking program, please consult your doctor beforehand.

- The baking results and bread's appearance may differ according to the type of mix. Occasionally a bread may have some flour remaining on the side. The wheat free mixes can produce more variable results.
- Wait for the bread to cool before slicing it for the better performance.
- The bread should be stored in a cool dry place and used within 2 days. If you will not be able to use up all the bread within that time it can be put into freezer bags, in convenient sized portions, and frozen.

**Warning for the users who use this program for health reasons:**

**When using the gluten free program, make sure to consult your doctor or the Coeliac Association and only use the ingredients which are suitable for your health conditions.**

**Panasonic will not be responsible for any consequences resulting from ingredients that have been used without professional consultation.**

It is very important to avoid cross contamination with flours that contain gluten if bread is being made for dietary reasons. Particular attention must be paid to the cleaning of the bread pan and kneading blade as well as any utensils that are used. You must also ensure that the yeast used contains no gluten.

## Baking Gluten Free Bread



Turn to P. GB16 for recipes.

**1 – 4** See P. GB6 of Preparations

**5** Select the menu

Gluten Free Bread	
SD-YR2550	Menu 14
SD-R2530	Menu 13

**6** Press button to start.

- Display shows the remaining time until the beep sounds.

**7** After about 6 minutes, **open the lid** when you hear the beep sound. **Scrape off the flour within 3 minutes while is flashing. Close the lid and restart.**

- Kneading will continue after 3 minutes without press button.

**8** Press button and remove bread when machine beeps 8 times and the cube (■) near **End** flashes.

**Tips:** Use a rubber spatula to avoid damaging the bread pan. Do not use the metal spatula.

## Baking Gluten Free Cake



Turn to P. GB16 for recipes.

**1 – 4** See P. GB6 of Preparations

**5** Select the menu

Gluten Free Cake	
SD-YR2550	Menu 15
SD-R2530	Menu 14

**6** Press button to start.

- Display shows the remaining time until the beep sounds.

**7** After about 2 minutes, **open the lid** when you hear the beep sound. **Scrape off the flour within 3 minutes while is flashing. Close the lid and restart.**

- Kneading will continue after 3 minutes without press button.

**8** After about 12 minutes, **open the lid** when you hear the beep sound. **Scrape off the dough on the sidewall of bread pan while is flashing. Close the lid and restart.**

- Baking will start after 3 minutes without press button.

**9** Press button and remove cake when machine beeps 8 times and the cube (■) near **End** flashes.

**Tips**

- Use a rubber spatula to avoid damaging the bread pan. Do not use metal spatula.
- If you shake hard to remove cake from the bread pan, it will lose shape.

GB10



## Making Gluten Free Pizza / Gluten Free Pasta



Turn to P. GB16 for recipes.

**1 – 4** See P. GB6 of Preparations

**5** Select the menu

	Gluten Free Pizza	Gluten Free Pasta
SD-YR2550	Menu 16	Menu 17
SD-R2530	Menu 15	Menu 16

**6** Press button to start.

- Display shows the remaining time until the beep sounds.

**7** After about 5 minutes for gluten free pizza, 2 minutes for gluten free pasta, **open the lid** when you hear the beep sound. **Scrape off the flour within 3 minutes while is flashing. Close the lid and restart.**

- Kneading will continue after 3 minutes without press button.

**8** Press button and remove dough when machine beeps 8 times and the cube () near **End** flashes.

### Gluten Free Pizza

**9** Divide the dough into 2 parts with scraper, and roll them into a circle of about 20 cm diameter.

**10** Spread your favourite sauce and desired topping then bake it in the oven.

### Gluten Free Pasta

**9** Wrap the dough in a cling film and rest for 1 hour in the refrigerator.

**10** Lightly flour the dough surface, and shape it to your desired shapes.

**11** Boil them and enjoy it with your favourite sauce.

**Tips:** Use the rubber spatula to avoid damaging the bread pan. Do not use the metal spatula.

English

## Baking Cake



Turn to P. GB18 for recipes.

**1 - 4** See P. GB6 of Preparations

**5** Select the menu

	Cake
SD-YR2550	Menu 25
SD-R2530	Menu 24

**6** Press button to start.

- Display shows the remaining time until the beep sounds.

**7** After about 12 minutes, **open the lid** when you hear the beep sound. **Scrape off the flour within 5 minutes while is flashing. Close the lid and restart.**

- Kneading will continue after 5 minutes without pressing button.

**8** Press button and remove cake when machine beeps 8 times and the cube () near **End** flashes.

### Additional Baking

- If baking is not complete, follow the following method. (Additional baking time can be made up to twice within 20 minutes while the machine is still hot. The timer will start again from 1 minute by pressing the button as required.)

- ① Select the menu (Skip it if you have not pressed button in step 8)
- ② Set the baking time
  - It can be set to 1 - 20 minutes.
- ③ Press button to start.
  - To discontinue baking, hold button.

### Tips:

- Timer is not available on this menu. It only sets the duration of the baking time.
- Use a rubber spatula to avoid damaging the bread pan. Do not use metal spatula.
- If you shake hard to remove cake from the bread pan, it will lose shape.

# Handling Instructions

## Bake Only



Turn to P. GB18 for recipes.

### Preparations:

- ① Prepare the mixed ingredients in the bowl according to the recipe.
- ② Remove the kneading blade and line the greaseproof paper around the bread pan, then pour in the mixed ingredients.
- ③ Set the bread pan into the main unit, and plug the machine into the socket.

### 1 Select the menu

	Bake Only
SD-YR2550	Menu 26
SD-R2530	Menu 25


### 2 Set the baking time

### 3 Press button to start.

- Display shows the remaining time until the program is complete.

- ### 4 Press button and remove cake when machine beeps 8 times and the cube (■) near End flashes.

### Additional Baking

- If baking is not complete, repeat step 1–4. (Additional baking time can be made up to twice within 50 minutes while the machine is still hot. The timer will start again from 1 minute by pressing the  button as required.)

**Tips:** Timer is not available on this menu. It only sets the duration of the baking time.

## Making Jam / Compote



Turn to P. GB18 for recipes.

### Preparations for Jam-making

- ① Prepare the ingredients according to the recipe.
- ② Put the kneading blade into the bread pan.
- ③ Place the ingredients into the pan in following order.  
half of fruits → half of sugar → remainder of fruits → remainder of sugar.
- ④ Set the bread pan into the main unit, and plug the machine into the socket.

### Preparations for Compote-making

- ① Prepare the ingredients according to the recipe. (Remove the kneading blade.)
- ② Place the ingredients into the bread pan according to the order of recipes, pour water over ingredients.
- ③ Set the bread pan into the main unit, and plug the machine into the socket.


### 1 Select the menu

	Jam	Compote
SD-YR2550	Menu 27	Menu 28
SD-R2530	Menu 26	Menu 27

### 2 Set the cooking time, then start the machine.

- ### 3 Press button and remove Jam / Compote when machine beeps 8 times and the cube (■) near End flashes.

### Additional Cooking

- If the cooking is not complete → repeat step 1 - 3. (Additional cooking time can be made up to twice within 10 - 40 minutes while the machine is still hot. The timer will start again from 1 minute by pressing  button as required.)

### Tips:

- Timer is not available on these menus. It only sets the duration of the cooking time.
- Strictly follow the recipe for the amount of each ingredients. Otherwise, the jam does not set firm, to be boiled over or scorched as well as the compote.

### Tips for Jam-making

- It's necessary to have an adequate amount of sugar, acid and pectin to make firm set jam.
- Fruits with a high level of pectin set easily. Fruits with less pectin do not set well.
- Use freshly ripened fruits. Over or under ripe fruits do not set firmly.
- The recipes in this instructions make soft set jams due to using less sugar.
- When cooking time is short, fruit bits can remain partially and the jam may become watery.
- Jam will continue to set as it cools. Be careful not to over cook.
- Put the finished jam into the container as soon as possible. Take care not to burn when you take out jam.
- Jam can be burned if it is left in the bread pan.
- Store the jam in a cool, dark place. Due to the lower levels of sugar the shelf life is not as long as shop bought varieties. Once open, refrigerate and consume shortly after opening.



## Cake Kneading



Turn to P. GB19 for recipes.

### Preparations:

- ① Remove the bread pan and set the kneading blade.
- ② Place the measured ingredients in the bread pan.
- ③ Return the bread pan to the main unit. Close the lid and plug in.

### 1 Select the menu

Cake Kneading	
SD-YR2550	Menu 29
SD-R2530	Menu 28

### 2 Set the kneading time

### 3 Press button to start.

- Display shows the remaining time until the program is complete.

### 4 Press button and remove the dough when machine beeps 8 times and the cube (■) near End flashes.

### 5 Put it into cake mold, then bake in a preheated oven.

**Tips:** Use a rubber spatula to avoid damaging the bread pan. Do not use metal spatula.

English

## Bread Kneading



Turn to P. GB19 for recipes.

### Preparations:

- ① Remove the bread pan and set the kneading blade.
- ② Place the measured ingredients in the bread pan.
- ③ Return the bread pan to the main unit. Close the lid and plug in.

### 1 Select the menu

Bread Kneading	
SD-YR2550	Menu 30
SD-R2530	Menu 29

### 2 Set the kneading time

- Please set the time according to the bread dough which is used for primary fermentation.

### 3 Press button to start.

- Display shows the remaining time until the program is complete.

### 4 Press button and remove the dough when machine beeps 8 times and the cube (■) near End flashes.

### Tips:

- Rest for over 20 minutes before the next kneading starts.
- For the case of hard dough or much amount of dough, "U50" may appear on the display. Leave a little time to restart the next kneading. The amount of flour that can be used is up to 400 - 600 g.

## Rise



Turn to P. GB19 for recipes.

### Preparations:

- ① Remove the kneading blade and place the dough into the bread pan.
- ② Return the bread pan to the main unit. Close the lid and plug in.

### 1 Select the menu

Rise	
SD-YR2550	Menu 31
SD-R2530	Menu 30

### 2 Set the time (use the primary fermentation of kneaded dough. Set the time according to the bread dough.)

### 3 Press button to start.

- Display shows the remaining time until the program is complete.

### 4 Press button and remove the dough when machine beeps 8 times and the cube (■) near End flashes.

### 5 Shape the finished dough and allow it to rise in the oven, then bake.

# Recipes

## Example

### Recipe Name

Menu No. + Total process time + Option icon

		M	L	XL
★	Dry yeast	2 tsp	2 tsp	2½ tsp
	Strong white bread flour	400 g	500 g	600 g
	Egg (L), beaten	1	1	2
	Sunflower seeds	50 g	65 g	75 g
	Cheese	50 g	65 g	75 g

### Abbreviation:

tsp = tea spoon; tbsp = table spoon

Egg (L) = Egg in large size; Egg (M) = Egg in medium size.

The options of each recipe and necessary operation are indicated as the following icons.

### Option icon

Light crust Medium crust Dark crust Delay timer

### Necessary operation icon

★ **SD-YR2550:** Place measured dry yeast into yeast dispenser.

**SD-R2530:** Place measured dry yeast into bread pan first.



Place the measured ingredients into bread pan in the order listed in the recipe.



Add additional ingredients into raisin nut dispenser.



Do manual operation (such as adding extra ingredients, scraping the flour from sidewall of bread pan) when the beep sounds.

## Bread Recipes

### Basic

#### White Bread

Menu 1 (4 h - 4 h 5 min)

		M	L	XL
★	Dry yeast	1 tsp	1 tsp	1¼ tsp
	Strong white bread flour	400 g	500 g	600 g
	Butter	20 g	30 g	40 g
	Sugar	1 tbsp	1½ tbsp	2 tbsp
	Salt	1½ tsp	1½ tsp	2 tsp
	Water	280 mL	340 mL	400 mL

#### Milk Bread

Menu 1 (4 h - 4 h 5 min)

		M	L	XL
★	Dry yeast	1 tsp	1 tsp	1¼ tsp
	Strong white bread flour	400 g	500 g	600 g
	Butter	20 g	30 g	40 g
	Sugar	1 tbsp	1½ tbsp	2 tbsp
	Salt	1½ tsp	1½ tsp	2 tsp
	Milk	290 mL	360 mL	430 mL

### Basic Rapid

#### Rapid White Bread

Menu 2 (1 h 55 min - 2 h)

		M	L	XL
★	Dry yeast	2 tsp	2 tsp	2½ tsp
	Strong white bread flour	400 g	500 g	600 g
	Butter	20 g	30 g	40 g
	Sugar	1 tbsp	1½ tbsp	2 tbsp
	Salt	1½ tsp	1½ tsp	2 tsp
	Water	280 mL	350 mL	420 mL

#### Italian Bread

Menu 2 (1 h 55 min)

		M
★	Dry yeast	2 tsp
	Strong white bread flour	400 g
	Olive oil	1½ tbsp
	Salt	1½ tsp
	Water	260 mL

### Basic Raisin

#### Raisin Bread

Menu 3 (4 h)

		M	L	XL
★	Dry yeast	1 tsp	1 tsp	1¼ tsp
	Strong white bread flour	400 g	500 g	600 g
	Butter	20 g	30 g	40 g
	Sugar	1 tbsp	1½ tbsp	2 tbsp
	Salt	1½ tsp	1½ tsp	2 tsp
	Water	280 mL	340 mL	400 mL
	Raisins *1	80 g	100 g	120 g

### 5 Seeded Bread

Menu 3 (4 h)

		M	L	XL
★	Dry yeast	1 tsp	1 tsp	1¼ tsp
	Strong white bread flour	400 g	475 g	550 g
	Butter	20 g	30 g	40 g
	Sugar	1 tbsp	1½ tbsp	2 tbsp
	Salt	1 tsp	1½ tsp	2 tsp
	Sesame seeds	1 tbsp	1½ tbsp	2 tbsp
	Poppy seeds	1 tbsp	1½ tbsp	2 tbsp
	Water	280 mL	330 mL	380 mL
	Linseeds	1 tbsp	1½ tbsp	2 tbsp
	Pumpkin seeds	1 tbsp	1½ tbsp	2 tbsp
	Sunflower seeds	1 tbsp	1½ tbsp	2 tbsp

### Basic Stuffed

#### Stuffed Bread

Menu 4 (4 h - 4 h 5 min)

		M	L	XL
★	Dry yeast	1 tsp	1 tsp	1¼ tsp
	Strong white bread flour	400 g	500 g	580 g
	Butter	20 g	30 g	40 g
	Sugar	1 tbsp	1½ tbsp	2 tbsp
	Salt	1½ tsp	1½ tsp	2 tsp
	Water	280 mL	350 mL	400 mL
	Cooked bacon *1	50 g	65 g	75 g
	Cheese *1	50 g	65 g	75 g

### Stuffed Tomato, Olive and Tomato Juice

Menu 4 (4 h - 4 h 5 min)

		M	L	XL
★	Dry yeast	1 tsp	1 tsp	1¼ tsp
	Strong white bread flour	400 g	500 g	580 g
	Butter	20 g	30 g	40 g
	Sugar	1 tbsp	1½ tbsp	2 tbsp
	Salt	1½ tsp	1½ tsp	2 tsp
	Water	140 mL	175 mL	200 mL
	Tomato juice	140 mL	175 mL	200 mL
	Olive	70 g	80 g	100 g
	Sundried tomatoes in oil, chopped	30 g	40 g	50 g

### Bread Mix

#### Bread Mix

Menu 5 (2 h 30 min)

	Bread mix flour *2	500 g
	Water *3	300 mL

#### Vegetable Juice Bread

Menu 5 (2 h 30 min)

	Bread mix flour *2	500 g
	Water *4	150 mL
	Vegetable juice *4	150 mL

### Bread Mix Raisin

#### Bread Mix Raisin

Menu 6 (2 h 30 min)

	Bread mix flour *2	500 g
	Water *3	300 mL
	Raisins *1	100 g

#### Matcha Chestnut Bread

Menu 6 (2 h 30 min)

	Bread mix flour *2	500 g
	Matcha	10 g
	Water *3	300 mL
	Sweet chestnut *1	100 g



GB14



## Whole Wheat

### Whole Wheat Bread

Menu 7 (5 h) ⌚

	M	L	XL
★ Dry yeast	1 tsp	1 tsp	1¼ tsp
Strong whole wheat bread flour	400 g	500 g	600 g
Butter	20 g	30 g	40 g
Sugar	1 tbsp	1½ tbsp	2 tbsp
Salt	1½ tsp	1½ tsp	2 tsp
Water	280 mL	350 mL	420 mL

### Oat and Bran Bread

Menu 7 (5 h) ⌚

	L
★ Dry yeast	1 tsp
Strong white bread flour	400 g
Bran	50 g
Porridge oats	50 g
Oil	2 tbsp
Sugar	1½ tsp
Salt	1¼ tsp
Water	350 mL

## Whole Wheat Rapid

### Whole Wheat Bread Rapid

Menu 8 (3 h)

	M	L	XL
★ Dry yeast	1½ tsp	1½ tsp	2 tsp
Strong whole wheat bread flour	400 g	500 g	600 g
Butter	20 g	30 g	40 g
Sugar	1 tbsp	1½ tbsp	2 tbsp
Salt	1½ tsp	1½ tsp	2 tsp
Water	280 mL	350 mL	420 mL

### Rapid Whole Wheat Bread 50%

Menu 8 (3 h)

	M	L	XL
★ Dry yeast	1½ tsp	1½ tsp	2 tsp
Strong whole wheat bread flour	200 g	250 g	300 g
Strong white bread flour	200 g	250 g	300 g
Butter	20 g	30 g	40 g
Sugar	1 tbsp	1½ tbsp	2 tbsp
Salt	1½ tsp	1½ tsp	2 tsp
Water	300 mL	370 mL	430 mL

## Whole Wheat Raisin

### Whole Wheat Raisin Bread

Menu 9 (5 h) ⌚

	M	L	XL
★ Dry yeast	1 tsp	1 tsp	1¼ tsp
Strong whole wheat bread flour	400 g	500 g	600 g
Butter	20 g	30 g	40 g
Sugar	1 tbsp	1½ tbsp	2 tbsp
Salt	1½ tsp	1½ tsp	2 tsp
Water	280 mL	350 mL	420 mL
Raisins *1	80 g	100 g	120 g

## Maple and Pecan Nut Bread

Menu 9 (5 h) ⌚

	M
★ Dry yeast	1 tsp
Strong whole wheat bread flour	200 g
Strong white bread flour	200 g
Butter	20 g
Maple syrup	3 tbsp
Salt	1½ tsp
Water	280 mL
Pecan nuts *1	75 g

## Brioche

### Basic Brioche

Menu 10 (3 h 30 min) 🍞

★ Dry yeast	1¼ tsp
Strong white bread flour	400 g
Butter *5	60 g
Sugar	50 g
Skimmed milk powder	2 tbsp
Salt	1½ tsp
Mixture / beat 2 eggs (M) + 2 egg yolk + water	270 mL
Butter *6	80 g

## Panettone

Menu 10 (3 h 30 min) 🍞

★ Dry yeast	1½ tsp
Strong white bread flour	400 g
Butter *5	60 g
Sugar	50 g
Salt	1½ tsp
Mixture / beat 2 eggs (M) + 2 egg yolk + water	290 mL
Butter *6	60 g
Candied orange peel *1	50 g
Sultanas *1	50 g
Currants *1	50 g

## French

### French Bread

Menu 11 (5 h 40 min) ⌚

★ Dry yeast	1 tsp
Strong white bread flour	400 g
Salt	1½ tsp
Water	290 mL

## Pain de Campagne

Menu 11 (5 h 40 min) ⌚

★ Dry yeast	1 tsp
Strong white bread flour	320 g
Strong whole wheat bread flour	80 g
Salt	1½ tsp
Cold water (5 °C)	300 mL

## Rye (SD-YR2550 only)

### Rye 100%

Menu 12 (3 h 30 min) ⌚

★ Dry yeast	2½ tsp
Rye flour	500 g
Oil	2 tbsp
Sugar	2 tsp
Salt	2 tsp
Water	440 mL

● Use kneading blade for rye menu.

## Rye and White

Menu 12 (3 h 30 min) ⌚

★ Dry yeast	2 tsp
Rye flour	250 g
Strong white bread flour	250 g
Oil	2 tbsp
Sugar	2 tsp
Salt	2 tsp
Water	360 mL

● Use kneading blade for rye menu.

## Sourdough

### Sourdough

Stage 1: Sourdough Starter: Menu 23

(SD-R2530: 22) (24 h)

Turn to P. GB17 for the recipe.

Stage 2: Menu 13 (SD-R2530: 12) (5 h) ⌚

Sourdough starter	1 cup
Strong white bread flour	400 g
Salt	1 tsp
Water	150 mL
Dry yeast	¼ tsp

\*1 Cut into approx. 5 mm cubes.

\*2 Bread mix for white loaf only. Follow the recipes on the package of bread mix.

\*3 As shown on packet needs to be added.  
\*4 Half the specified amount of water for bread mix.

\*5 Cut into 2 - 3 cm cubes and keep in refrigerator.

\*6 Cut into 1 - 2 cm cubes and keep in refrigerator.

# Recipes

## Gluten Free Recipes

Turn to P. GB6, GB10 - GB11 for handling instructions.

### Gluten Free Bread

- The outcome differs depending on the recipes or using type of bread mix.
- Follow the recipes on the package of your gluten free bread mix.

### Gluten Free Bread

Menu 14 (SD-R2530: 13)

(1 h 50 min - 1 h 55 min)

Water	430 mL
Oil	1 tbsp
Gluten free bread mix	500 g
Dry yeast	2 tsp

### Gluten and Wheat Free Bread

Menu 14 (SD-R2530: 13)

(1 h 50 min - 1 h 55 min)

Milk	310 mL
2 eggs (medium), beaten	100 g
Cider vinegar	1 tbsp
Oil	2 tbsp
Honey	60 g
Salt	1¼ tsp
Brown rice flour	150 g
Potato starch	300 g
Xanthan gum	2 tsp
Dry yeast	2½ tsp

### Flavoured Gluten Free Bread

Use one quantity of chosen mix and add the following ingredients to your bread pan to produce the bread of your choice.

### Spicy Fruit Bread

(1 h 50 min)

Mixed fruits	100 g
Cinnamon	2 tsp

### Maple & Pecan Bread

(1 h 55 min)

Maple syrup	2 tbsp
Pecans	50 g

### Five Seeds Bread

(1 h 55 min)

Linseeds	1 tbsp
Sesame seeds	2 tbsp
Pumpkin seeds	1 tbsp
Poppy seeds	1 tbsp
Sunflower seeds	1 tbsp

### Sundried Tomato & Parmesan Bread

(1 h 55 min)

Parmesan cheese grated	50 g
Sundried tomatoes in oil, drained and chopped	50 g

### Gluten Free Cake

#### Gluten Free Chocolate Cake

Menu 15 (SD-R2530: 14)

(1 h 50 min)

Butter *2	150 g
Sugar	150 g
Eggs (L), beaten	3 (180 g)
Dark chocolate, melted	120 g
White rice flour	120 g
Cacao powder	30 g
Baking powder	10 g

#### Gluten Free Tea Cake

Menu 15 (SD-R2530: 14)

(1 h 50 min)

Butter *2	80 g
Sugar	160 g
Eggs (L), beaten	3 (180 g)
White rice flour	160 g
Ground almonds	80 g
Tea leaves, chopped	2 tsp
Baking powder	10 g

### Gluten Free Banana Cake

Menu 15 (SD-R2530: 14)

(1 h 50 min)

Butter *1	80 g
Sugar	120 g
Eggs (L), beaten	3 (180 g)
White rice flour	160 g
Ground almonds	50 g
Banana *2	80 g
Baking powder	10 g

### Gluten Free Pizza

#### Gluten Free Pizza

Menu 16 (SD-R2530: 15)

(30 min)

Water	380 mL
White rice flour	475 g
Vegetable oil	1¼ tbsp
Salt	1 tsp
Dry yeast	1 tsp

### Gluten Free Pasta

#### Gluten Free Pasta

Menu 17 (SD-R2530: 16)

(15 min)

Mixture / beat 2 egg (M) + water	260 g
White rice flour	220 g
Potato starch	80 g
Corn starch	100 g
Xanthan gum	1½ tsp
Oil	2 tbsp
Salt	1 tsp

- Be sure to whisk eggs and water together until very smooth.
- Place flour, starch and gum into another bowl and mix well.

\*1: Cut into 1 cm cubes.

\*2: Cut into 1 - 2 cm.

## Dough Recipes

Turn to P. GB6-GB9 for handling instructions.

### Basic

#### Basic Dough

Menu 18 (SD-R2530: 17)

(2 h 20 min)

★ Dry yeast	1 tsp
Strong white bread flour	500 g
Butter	30 g
Sugar	1½ tbsp
Salt	1½ tsp
Water	310 mL

#### Soft Rolls / Baps

Menu 18 (SD-R2530: 17)

(2 h 20 min)

★ Dry yeast	1¼ tsp
Strong white bread flour	450 g
Butter	30 g
Sugar	1 tbsp
Salt	1 tsp
Egg (M), beaten	1 (50 g)
Water *	250 mL

\* For a slightly denser roll try 125 mL water and 125 mL milk.

- Place the ingredients into the bread pan in the order listed above.
- Select the menu.
- Divide dough into 8 - 10 pieces and shape into baps.
- Place on a greased baking tray and allow to prove at 40°C until doubled in size. (approx. 20 minutes).
- Dust with flour.
- Bake in a preheated oven at 220° for 15 minutes or until golden brown.

GB16



## Basic Raisin

### Basic Raisin Dough

Menu 19 (SD-R2530: 18)

(2 h 20 min)

★ Dry yeast	1 tsp
Strong white bread flour	500 g
Butter	30 g
Sugar	1½ tbsp
Salt	1½ tsp
Water	310 mL
Raisins *1	100 g

\*1 Cut into approx. 5 mm cubes.

### Hot Cross Buns

Menu 19 (SD-R2530: 18)

(2 h 20 min)

★ Dry yeast	½ tsp
Strong white bread flour	250 g
Butter	25 g
Sugar	1 tsp
Skimmed milk powder	1 tbsp
Salt	½ tsp
Cinnamon	1 tsp
Mixed spice	½ tsp
Egg (M), beaten	1 (50 g)
Water	100 mL
Mixed dried fruits	100 g

- 1 Divide mixture into 8 balls. Place on a lightly greased baking tray and allow to prove at 40°C until doubled in size (approx. 20 minutes). Make a paste with approx. 2 tbsp flour mixed with 2 tbsp water and pipe a cross over the buns, or top with thin slices of short crust pastry.
- 2 Bake in a preheated oven at 220°C for 15 – 20 minutes or until golden brown.
- 3 While still HOT, brush with a sugar glaze — 40 g sugar in 4 tbsp water, boiled until a syrup is reached - (approx. 5 minutes).

## Whole Wheat

### Whole Wheat Dough

Menu 20 (SD-R2530: 19)

(3 h 15 min)

★ Dry yeast	1½ tsp
Strong whole wheat bread flour	500 g
Butter	30 g
Sugar	1½ tbsp
Salt	2 tsp
Water	340 mL

### Whole Wheat Dough 70%

Menu 20 (SD-R2530: 19)

(3 h 15 min)

★ Dry yeast	1½ tsp
Strong whole wheat bread flour	350 g
Strong white bread flour	150 g
Butter	30 g
Sugar	1½ tbsp
Salt	2 tsp
Water	330 mL

## Whole Wheat Dough 50%

Menu 20 (SD-R2530: 19)

(3 h 15 min)

★ Dry yeast	1½ tsp
Strong whole wheat bread flour	250 g
Strong white bread flour	250 g
Butter	30 g
Sugar	1½ tsp
Salt	2 tsp
Water	320 mL

## Whole Wheat Raisin

### Whole Wheat Raisin Dough

Menu 21 (SD-R2530: 20)

(3 h 15 min)

★ Dry yeast	1½ tsp
Strong whole wheat bread flour	500 g
Butter	30 g
Sugar	1½ tbsp
Salt	2 tsp
Water	340 mL
Raisins *1	100 g

\*1 Cut into approx. 5 mm cubes.

## Whole Wheat Walnut Rolls 70%

Menu 21 (SD-R2530: 20)

(3 h 15 min)

★ Dry yeast	1½ tsp
Strong whole wheat bread flour	350 g
Strong white bread flour	100 g
Medium oatmeal	50 g
Oil	2 tbsp
Maple syrup	2 tbsp
Salt	1½ tsp
Water	320 mL
Walnuts *1	100 g

\*1 Cut into approx. 5 mm cubes.

- 1 Divide dough into 12 large rolls or 20 dinner rolls.
- 2 Place on a greased baking trays and sprinkle with flour. Allow to prove at 40°C until doubled in size (approx. 20 minutes).
- 3 Bake in a preheated oven at 220°C for 12 – 15 minutes or until golden brown.

## Sourdough Dough

### Sourdough Dough (Rye)

Stage 1: Sourdough Starter Menu 23 (SD-R2530: 22) (24 h)

Turn to P. GB9 for handling instructions.

Stage 2: Menu 22 (SD-R2530: 21) (2 h 30 min)

Sourdough starter	1 cup
Strong white bread flour	360 g
Rye flour	40 g
Salt	1 tsp
Dry yeast *	¼ tsp
Water	150 mL

\* For SD-YR2550, place dry yeast into the yeast dispenser

## Sourdough Starter

### Sourdough Starter

Menu 23 (SD-R2530: 22) (24 h)

The amount for a sourdough cup

Rye flour	80 g
Salt	½ tsp
Plain yogurt	60 g
Water (20 °C)	80 mL
Dry yeast *	1 (0.1 g)

\*Use the sourdough starter spoon provided.

## Pizza

### Pizza Dough

Menu 24 (SD-R2530: 23)

(45 min) ⌚

★ Dry yeast	1 tsp
Strong white bread flour	450 g
Oil	4 tbsp
Salt	2 tsp
Water	240 mL

### Doughnut (using failed unfermented bread dough)

- 1 Divide the dough into small pieces that are 35 g each and shape them into balls. Cover them with a small towel and place them still for 10 - 20 minutes.
- 2 Roll them into thin round shape and press the dough with the doughnut mold.
- 3 Allow the dough to ferment for 20 - 30 minutes (till it rises to double its original size) at a temperature of 30 - 35 °C.
- 4 Deep-fry them at an oil temperature of 170 °C and sprinkle them with cinnamon and refined white sugar.

## Focaccia

Menu 24 (SD-R2530: 23)

(45 min) ⌚

★ Dry yeast	½ tsp
Strong white bread flour	300 g
Olive oil	1 tbsp
Salt	1 tsp
Water	170 mL

- 1 Roll and pat the dough into a 30 cm x 25 cm rectangle on a greased baking tray.
- 2 Make indentations over the whole dough using your fingertips.
- 3 Add your favourite toppings such as olives and tomatoes.
- 4 Allow to prove at 40 °C until doubled in size (approx. 30 minutes).
- 5 Drizzle with olive oil and bake in a preheated oven at 190 °C for 20 – 30 minutes or until golden at the edges and cooked well in the centre.

- Serve warm with pasta dishes.

# Recipes

## Sweet Recipes



### Cake

#### Butter Cake

Menu 25 (SD-R2530: 24) (1 h 55 min)

Butter (cut into 1 cm cubes)	200 g
Sugar	180 g
Milk	2 tbsp
4 eggs (medium), beaten	200 g
Plain flour (mixed and sifted)	300 g
Baking powder (sifted)	13 g

#### Tea Cake

Menu 25 (SD-R2530: 24) (1 h 55 min)

Butter (cut into 1 cm cubes)	200 g
Sugar	180 g
Milk	2 tbsp
4 eggs (medium), beaten	200 g
Plain flour (mixed and sifted)	300 g
Baking powder (sifted)	13 g
Earl gray tea (Tea leaf)	1 tbsp
Dried fruits *	100 g

\* Add it when scraping off the flour in step 7.

### Bake Only

#### Fruit Cake

Menu 26 (SD-R2530: 25)

Timer: 1 h 20 min

Butter	150 g
Sugar	130 g
Eggs (M), beaten	3 (150 g)
Milk	1 tbsp
Plain flour (mixed and sifted)	250 g
Baking powder (sifted)	10 g
Mixed dried fruits	70 g

- In a large bowl, cream butter and sugar until light and fluffy. Add eggs, one at a time, beating well.
- Add milk, sifted A and mix dried fruits, beating well after addition.
- Remove the kneading blade and line the greaseproof paper around the bread pan, then pour in the mixed ingredients.
- Set the bread pan into the main unit, and plug the machine into the socket.
- Select the menu and set the baking time : 1 hour and 20 minutes.
- Press button to start.
- Press button and remove cake when machine beeps 8 times and the cube (■) near **END** flashes.

#### Cherry & Marzipan Cake

Menu 26 (SD-R2530: 25)

Timer: 1 h

Golden caster sugar	50 g
Butter	175 g
Eggs (M), beaten	3 (150 g)
Self raising flour	225 g
Glace cherries, chopped	100 g
Marzipan, grated	75 g
Milk	60 mL
Topping (flaked almonds, roasted)	15 g

- In a large bowl, cream butter and sugar until light and fluffy. Add eggs, one at a time, beating well.
- Add the flour with the cherries and grated marzipan, mix well with the milk to a soft consistency.
- Remove the kneading blade and line the greaseproof paper around the bread pan, then pour in the mixed ingredients.
- Set the bread pan into the main unit, and plug the machine into the socket.
- Carefully sprinkle the toasted almonds on top of the mixture.
- Select the menu and enter 1 hour on the timer.
- After baking test with a skewer to see if the cake is cooked. If the cake does require extra time, select the menu again and enter a further 3 – 5 minutes on the timer. If it is still just slightly sticky, this will cook through during the stand period.
- Take the bread pan out of the machine using oven gloves. Leave to stand for 5 – 10 minutes before removing from the bread pan and allowing to cool.

### Jam

#### Strawberry Jam

Menu 27 (SD-R2530: 26)

Timer: 1 h 40 min

Strawberries, finely chopped	600 g
Sugar	400 g
Powdered pectin *	13 g

#### Apricot Jam

Menu 27 (SD-R2530: 26)

Timer: 1 h 30 min

Apricots, finely chopped	500 g
Sugar	250 g
Powdered pectin *	6 g (1¼ tsp)

\* Sprinkle the pectin on the ingredients in the bread pan before setting the bread pan into the main unit.

### Compote

#### Apple Sauce

Menu 28 (SD-R2530: 27) Timer: 1 h 20 min

Bramley apples, peeled, cored and diced	1000 g
Water	2 tbsp

- Stir after cooking is completed.

#### Peach in Vanilla Syrup

Menu 28 (SD-R2530: 27) Timer: 1 h

Peaches, stone removed and cut into ½	1000 g
Sugar	100 g
Vanilla pod	½
Water	125 mL

- When cooking is complete, remove the peaches with a slotted spoon. Carefully pour the syrup over the fruit. Leave to cool.

# Manual Recipes



English

## Cake Kneading

### Cake Dough

Menu 29 (SD-R2530: 28)

Timer: 20 min

Butter (cut into 1 cm cubes)	200 g
Sugar	180 g
Milk	2 tbsp
Eggs (M), beaten	4 (200 g)
Plain flour (mixed and)	300 g
Baking powder (sifted)	13 g

### Poppy Seed Gluten Free Cake

Menu 29 (SD-R2530: 28)

Timer: 10 min

Vegetable oil	150 g
Eggs (M), beaten	3 (150 g)
Milk	110 mL
Sugar	180 g
White rice flour	210 g
Ground almond	75 g
Baking powder	1½ tbsp
Lemon juice	1½ tbsp
Poppy seeds	23 g

- Icing as you like. Mix 15 g of lemon juice with 75 g of icing sugar and sprinkle on the baked gluten free cake.

## Bread Kneading & Rise

### Bread Dough

Stage 1 Bread Kneading: Menu 30 (SD-R2530: 29)

Stage 2 Rise: Menu 31 (SD-R2530: 30)

(Kneading temperature condition : 28 °C)

Dry yeast	1½ tsp
Strong white bread flour	500 g
Sugar	1 tbsp
Salt	1½ tsp
Eggs, beaten	25 g
Water	320 mL
Butter	15 g

#### Stage 1

- 1 See step 1 - 4 of Bread Kneading. (P. GB13)  
(Kneading time setting: 20 minutes)
- 2 After kneading is complete, put the butter into the bread pan and close the lid.
- 3 Rest for 5 minutes.
- 4 Repeat the step 1-4 of Bread Kneading. (P. GB13)  
(Kneading time setting: 12 minutes)

#### Stage 2

Option 1:

- 1 Shape the finish dough to your favourite shape and allow it to rise in the oven.

Option 2 :

- 1 See step 1 - 5 of Rise. (P. GB13)

## Rice Flour English Muffin Dough

Stage 1 Bread Kneading: Menu 30 (SD-R2530: 29)

Stage 2 Rise: Menu 31 (SD-R2530: 30)

(Kneading temperature condition : 28 °C)

- Making the English Muffin in 9 cm diameter (10 inches).  
(Divided into 10 pieces)

Dry yeast	1 tsp
Mixture / beat 1 egg + 1 egg white + warm water	430 g
Butter, melted	60 mL
Cider vinegar	1 tsp
Brown rice flour	300 g
Potato starch	100 g
Skimmed milk powder *	50 g
Xanthan gum	1 tbsp
Sugar	1 tbsp
Salt	1 tsp

\* The milk powder may be omitted.

#### Topping

Cornmeal	Appropriate amount
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#### Stage 1

- 1 See step 1 - 4 of Bread Kneading. (P. GB13)  
(Kneading time setting: 5 minutes)
- 2 After kneading is complete, open the lid, scrape off the flour.
- 3 Rest for 5 minutes.
- 4 Repeat the step 1 - 4 of Bread Kneading. (P. GB13)  
(Kneading time setting: 10 minutes)

#### Stage 2




- 1 See step 1 - 5 of Rise. (P. GB13)  
(Rise time setting: 20 minutes)
- 2 Put about 90 g of dough into the mold and sprinkle the cornmeal for finishing.
- 3 Ferment it to 80 % of the size in an oven at 40 °C for about 30 minutes.
- 4 Sprinkle cornmeal on its surface and cover the mold.
- 5 Bake in an oven at 180 °C for about 15 minutes.

# Troubleshooting

Before calling for service, please check through this section.

Problem	Cause and Action
During or after cooking	
<p>My bread does not rise well.</p> <p>The top of my bread is uneven.</p>	<p>[All bread]</p> <ul style="list-style-type: none"> <li>● Your flour gluten quality is poor, or you have not used strong flour. (Gluten quality can vary depending on temperature, humidity, how the flour is stored, and the season of harvest). → Try another type, brand or another batch of flour.</li> <li>● The dough becomes too firm as you haven't used enough liquid. → Stronger flour with higher protein content absorbs more water than others, try adding an extra 10 - 20 mL.</li> <li>● You are not using the right type of dry yeast . → Use a dry yeast from a sachet, which has "<b>Easy blend</b>", "<b>Fast Action</b>" or "<b>Easy Bake</b>" written on it. This type does not require pre-fermentation.</li> <li>● You are not using enough dry yeast, or your dry yeast is old. → Use the <b>measuring spoon</b> provided. Check the dry yeast's expiry date. (Keep dry yeast in refrigerator)</li> <li>● The dry yeast has touched liquid before kneading. → Check that you have put the ingredients in the correct order according to the instructions. (P. GB6)</li> <li>● You have used too much salt, or not enough sugar. → Check the recipe and measure out the correct amounts using the <b>measuring spoon</b> provided. → Check that salt and sugar are not included in other ingredients.</li> </ul>
<p>Can failed dough be used again? E.g: The dough hasn't been baked...etc.</p>	<ul style="list-style-type: none"> <li>● It can be used to make doughnut, pizza and others. Please confirm at which status baking stopped and resumed the subsequent operations. <ul style="list-style-type: none"> <li>• When there is still dry yeast in the yeast dispenser (SD-YR2550 only). → Re-start making dough using the "Pizza" dough procedure to make doughnut or pizza (P. GB7, GB17).</li> <li>• When dry yeast had been mixed with other ingredients. → Take out the dough and make doughnut or pizza (P. GB7, GB17).</li> <li>• When the bread dough is halfway fermented or baked. → Take out the dough and start baking for 40 minutes at 170 °C in the oven. While observing the situation while baking.</li> </ul> </li> </ul>
<p>My bread has not risen at all.</p> <p>My bread is pale and sticky.</p>	<ul style="list-style-type: none"> <li>● You did not use dry yeast. → Place the correct amount of dry yeast.</li> <li>● You are not using enough dry yeast, or your dry yeast is old. → Use the <b>measuring spoon</b> provided. Check the dry yeast's expiry date. (Keep dry yeast in refrigerator.)</li> <li>● There has been a power failure, or the machine has been stopped during bread making. → You will need to remove the bread from the bread pan and start again with new ingredients.</li> </ul>
<p>Dry yeast does not drop into the bread pan. (SD-YR2550 only)</p>	<ul style="list-style-type: none"> <li>● The timing of yeast dispenser activation is different depending on the menu program and room temperature.</li> <li>● Yeast dispenser is wet, or there may be a static build up. → Wipe with a damp cloth and dry naturally.</li> <li>● Dry yeast is damped. → Use new dry yeast.</li> </ul>
<p>My bread is sticky and slices unevenly.</p>	<ul style="list-style-type: none"> <li>● It was too hot when you sliced it. → Allow your bread to cool on rack before slicing to release the steam.</li> </ul>
<p>My bread has risen too much.</p>	<ul style="list-style-type: none"> <li>● You have used too much dry yeast/water. → Check the recipe and measure out the correct amount using the <b>measuring spoon</b> (dry yeast) / sourdough cup (water) provided. → Check that excess water amount is not included in other ingredients.</li> <li>● You have used too much flour. → Carefully weigh the flour using scales.</li> </ul>
<p>My bread is full of air holes.</p>	<ul style="list-style-type: none"> <li>● You have used too much dry yeast. → Check the recipe and measure out the correct amount using the <b>measuring spoon</b> provided.</li> <li>● You have used too much liquid. → Some types of flour absorb more water than others, so try using 10 – 20 mL less water.</li> </ul>



Problem	Cause and Action
During or after cooking	
My bread seems to have collapsed after rising.	<ul style="list-style-type: none"> <li>● The quality of your flour isn't very good. → Try using a different brand of flour.</li> <li>● You have used too much liquid. → Try using 10 – 20 mL less water.</li> </ul>
The crust creases and goes soft on cooling.	<ul style="list-style-type: none"> <li>● The steam remaining in the bread after baking can pass into the crust and soften it slightly. → To reduce the amount of steam, try using 10 – 20 mL less water.</li> </ul>
The sides of my bread have collapsed and the bottom is damp.	<ul style="list-style-type: none"> <li>● You have left the bread in the bread pan for too long after baking. → Remove the bread promptly after baking.</li> <li>● There has been a power failure, or the machine has been stopped during bread making. → The machine switches off if it is stopped for more than 10 minutes.</li> </ul>
How can I keep my crust crispy?	<ul style="list-style-type: none"> <li>● To make your bread more crispy, you could use the 'Dark' crust colour option, or even bake it in the oven at 200°C for an extra 5 – 10 minutes.</li> </ul>
There is excess oil on the bottom of brioche. The crust is oily. My bread has big holes.	<ul style="list-style-type: none"> <li>● Did you add butter within 5 minutes of the beep? → Do not put butter when display show remaining time until ready. (P. GB9) Butter flavour might be weak, but it can bake.</li> </ul>
My brioche did not turn out well when using bread mix.	<ul style="list-style-type: none"> <li>● Try following things. → It might be baked better if dry yeast is decreased a little when using menu 10. (If adding dry yeast separately).</li> <li>→ Follow the recipe on the bread mix, but the bread mix should be between 350 – 500 g.</li> <li>→ Place the ingredients in the order described in the recipe. When adding the extra ingredients, add them later. (P. GB9)</li> <li>→ The completion is different according to recipe on the bread mix.</li> </ul>
Why has my bread not mixed properly?	<ul style="list-style-type: none"> <li>● You haven't put the kneading blade in the bread pan. → Make sure the kneading blade is in the bread pan before you put in the ingredients.</li> </ul>
Extra ingredients are not mixed properly.	<ul style="list-style-type: none"> <li>● Did you add extra ingredients to the raisin nut dispenser before the beep or add it into the bread pan while “” is flashing? → Extra ingredients must be added to the raisin nut dispenser before the beep or put it into the bread pan during “” is flashing on the display.</li> </ul>
Extra ingredients are not mixed properly in Brioche.	<ul style="list-style-type: none"> <li>● Did you add additional ingredients within 5 minutes of the beep? → Extra ingredients must be added while “” is flashing in the display.</li> <li>● Some of the bread mix dough is harder to mixed extra ingredients in or to flick out some of them. → Decrease the extra ingredients into half.</li> </ul>
Extra ingredients do not fall into the bread pan from the raisin nut dispenser.	<ul style="list-style-type: none"> <li>● Is the surface of the extra ingredients higher than the edge of the raisin nut dispenser? → Put the extra ingredients so that its surface is lower than the edge of the raisin nut dispenser. (P. GB8) The capacity of the raisin nut dispenser is 150 g, however depending on the state and the type of ingredients, they may overflow.</li> </ul>
There is excess flour around the bottom and sides of my bread.	<ul style="list-style-type: none"> <li>● You have used too much flour, or you are not using enough liquid. → Check the recipe and measure out the correct amount using scales for the flour or the sourdough cup provided for liquids.</li> </ul>

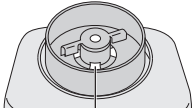
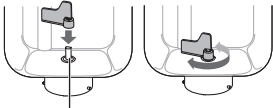
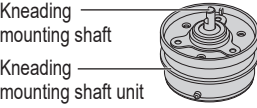
English

# Troubleshooting

Before calling for service, please check through this section.

Problem	Cause and Action
During or after cooking	
<p>My bread has not been baked.</p>	<ul style="list-style-type: none"> <li>● The dough menu was selected. → The dough menu does not include a baking process.</li> <li>● There has been a power failure, or the machine has been stopped during bread making. → You can try baking the dough in your oven if it has risen and proved.</li> <li>● There is not enough water and the motor protection device has been activated. This only happens when the machine is overloaded and excessive force is applied to the motor. → Visit place of purchase for a service consultation. Next time, check the recipe and measure out the correct amount using the sourdough cup provided.</li> <li>● You have forgotten to attach the kneading blade. → Make sure you attach the kneading blade first. ( P. GB6)</li> <li>● The kneading mounting shaft in the bread pan is stiff and does not rotate. → If the kneading mounting shaft does not rotate when the kneading blade is attached, you will need to replace the kneading mounting shaft unit. (Consult the place of purchase or a Panasonic service centre.)</li> </ul>
<p>The bread does not come out.</p>	<ul style="list-style-type: none"> <li>● If the bread cannot be easily removed from the bread pan, leave the bread pan for 5 – 10 minutes to cool, making sure that it is not left unattended where somebody or something may get burnt. After that, shake the bread pan several times using oven gloves. (Hold the handle down so that it does not get in the way of bread.)</li> </ul>
<p>The kneading blade stays in the bread when I remove it from the bread pan.</p>	<ul style="list-style-type: none"> <li>● The dough is a little stiff. → Allow the bread to cool completely before removing the kneading blade carefully. Some types of flour absorb more water than others, so try adding an extra 10 – 20 mL of water next time.</li> <li>● Crust has built up underneath the kneading blade. → Wash the kneading blade and its spindle after each use.</li> </ul>
<p>My gluten free pasta did not turn well.</p>	<ul style="list-style-type: none"> <li>● Your dough was too soft. → Decrease the water volume or increase the amount of xanthan gum.</li> <li>● Your dough was too hard. → Decrease the amount of xanthan gum or increase the water volume.</li> </ul>
<p>When cooking jam, it has scorched or the kneading blade fixes and it doesn't come off.</p>	<ul style="list-style-type: none"> <li>● The amount of the fruit is too little, or the amount of sugar is too much. → Place the bread pan in the sink and half fill the bread pan with warm water. Leave the bread pan to soak until the cooked on mixture or kneading blade loosens. After scorching is relieved, wash it with a soft sponge etc.</li> </ul>
<p>The jam has boiled over.</p>	<ul style="list-style-type: none"> <li>● Too much fruit or sugar has been used. → Only use the amounts of fruit and sugar specified in the recipes on P. GB18.</li> </ul>
<p>Jam is too runny and not firmly set.</p>	<ul style="list-style-type: none"> <li>● The fruit was under or over ripe.</li> <li>● Sugar was decreased too much.</li> <li>● Cooking time was insufficient.</li> <li>● Fruit with a low pectin content was used. → Leave the jam to cool completely. The jam will continue to set as it cools. → Use the runny jam as a sauce for desserts.</li> </ul>
<p>What kinds of sugar can we use on jam?</p>	<ul style="list-style-type: none"> <li>● White caster and granulated can be used. Do not use brown sugar, diet sugar, and low calorie sugar or artificial sweetener.</li> </ul>
<p>Can frozen fruits be used?</p>	<ul style="list-style-type: none"> <li>● It can be used for only jam and compote.</li> </ul>




Problem	Cause and Action
<b>During or after cooking</b>	
When making jam, can we use fruits are pickled in alcohol?	<ul style="list-style-type: none"> <li>Do not use them. The quality is not satisfactory.</li> </ul>
The fruit has collapsed when making compote.	<ul style="list-style-type: none"> <li>The cooking time was too long. The fruit may have been over ripe.</li> </ul>
<b>Puzzle</b>	
The kneading blade rattles.	<ul style="list-style-type: none"> <li>This is because the kneading blade fits loosely on the kneading mounting shaft. (This is not a fault.)</li> </ul>
I can smell burning while the bread is baking. Smoke is coming out of the steam vent.	<ul style="list-style-type: none"> <li>Ingredients may have been spilt on the heating element.               <ul style="list-style-type: none"> <li>→ Sometimes a little flour, raisins or other ingredients may be flicked out of the bread pan during mixing. Simply wipe the heating element gently after baking once the machine has cooled down.</li> <li>→ Remove the bread pan from the main unit to place ingredients.</li> </ul> </li> </ul>
Dough leaks out from bottom of the bread pan.	<ul style="list-style-type: none"> <li>A small amount of dough will escape through the ventilation holes (so that it does not stop the rotating parts from rotating). This is not a fault, but check occasionally that the kneading mounting shaft rotate properly.               <ul style="list-style-type: none"> <li>→ If the kneading mounting shaft does not rotate when the kneading blade is attached, you will need to replace the kneading mounting shaft unit. (Consult the place of purchase or Panasonic service centre.)</li> </ul> </li> </ul> <div style="display: flex; align-items: center; justify-content: center;"> <div style="text-align: center; margin-right: 20px;">  <p>Ventilation holes (4 in total)</p> </div> <div style="text-align: center; margin-right: 20px;">  <p>Kneading mounting shaft</p> </div> <div style="text-align: center;">  <p>Kneading mounting shaft unit Part no. ADA29E226</p> </div> </div>
<b>Display exception</b>	
"1" appears on the display and operation has been stopped.	<ul style="list-style-type: none"> <li>When the power supply to machine is interrupted for a certain time, the display shows "1" after recovered. (It is standby mode and machine could not continue the program.)               <ul style="list-style-type: none"> <li>→ Remove the bread, dough or ingredients and start again using new ingredients.</li> </ul> </li> </ul>
"H01", "H02" appears on the display.	<ul style="list-style-type: none"> <li>The display indicates a problem with the machine.               <ul style="list-style-type: none"> <li>→ Consult the place of purchase or a Panasonic service centre.</li> </ul> </li> </ul>
"U50" appears on the display.	<ul style="list-style-type: none"> <li>The machine is hot (above 40 °C). This may occur with repeated use.               <ul style="list-style-type: none"> <li>→ Allow the machine to cool down to below 40 °C before using it again (U50 will disappear).</li> </ul> </li> </ul>



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