



Philips Domestic Appliances and Personal Care

# Service Manual

**PRODUCT INFORMATION:**

The Foodprocessor is equipped with mechanical and thermal safety switches.

**TECHNICAL DATA:**

Motor	: universal, radio / TV interference suppressed
Power consumption	: 800 Watt max.
Voltage & frequency	: 230 V, 50 Hz
Cordset	: 100 cm, double insulated with moulded on plug
Speed setting	: Smart Process Control
Open mixing bowl capacity	: 4.0 L dry ingredients, 2.7 L liquids
Bowl capacity	: 2.5 L dry ingredients, 1.7 L liquids
Blender capacity	: total jar capacity 2.0 L, 1.5 L effective
Metal kneading accessory	: for kneading & mixing up to 2.6 kg of dough, max. 1.5 kg of flour
Metal twin beater	: with double action for quicker results
Speeds unloaded	: blender drive shaft 19500 rpm (max) accessories drive shaft from 660 rpm to 2150 rpm (high speed) depends on application accessories drive shaft from 180 rpm to 520 rpm (low speed) depends on application
Weight in fancy box	: 6.500 g
Dimensions fancy box (l x w x h)	: 406 mm x 281 mm x 521 mm

This product meets the requirements regarding interference suppression on radio and TV.

**SAFETY:**

Automatically resettable : protects motor against overheating thermal cut out

Built – in safety lock : detects whether lid & bowl are assembled

Motor brake system : stops the appliance within 1.5 seconds

**COLOURS:**

White with Vapor Dusk accents, clear transparent bowl & jar

**MATERIALS USED:**

- Bowl, bowl lid, blender jar & safety cover, : SAN lid	
- Housing, screw cap, blender lid, pusher, : PP mixing bowl, inlay bowl handle	
- Panel foil	: Santoprene
- twin beater	: POM, PP, stainless steel
- Kneading accessory	: PP, chrome plated steel
- Tool holder bowl	: POM
- Insert holder, handgrip blender jar	: ABS
- Adjustable slicing disc	: POM, ABS, stainless steel

After the product has been repaired, it should function properly and has to meet the safety requirements as officially laid down at this moment.

## SERVICE INFORMATION :

- The blender coupling on the motor shaft has been provided with a customary left-handed thread.  
The drive coupling (item 10) can be detached by means of a hammer and a screwdriver. Strike the screwdriver with a short sharp blow and remove the drive coupling, or block the acc. drive wheel (item 17) and thereby the rotor shaft, by sticking a pin through the hole (5 mm dia. - marked with an arrow) in the bottom plate.
- The assembly of the accessories depends on the national version.
- For specific versions, the component configuration may differ from the one shown on the exploded view. However, the actual components can be distinguished by their code numbers.
- Make sure that all functions, including the safety devices, are working correctly after you have completed the repair.
- To check the processes of smart control, please look at the described functions on the next page.

### Automatic resettable cut-out (part of item 11)

To prevent damage due to overheating, the appliance has been equipped with an automatic cut-out system. This system will automatically cut off the power supply when the appliance overheats.

If the appliance suddenly stops running:

- Unplug the appliance
- Switch off the appliance
- Let the appliance cool down for 15 minutes
- Plug the appliance in again
- Switch the appliance on again

### Safety lock (item 7)

Place the lid on the bowl in the right position. The appliance will only function if the line on the appliance is directly opposite the mark on the lid of the food processor bowl and the same holds for the other accessories. The built-in safety lock will now be deblocked and you can turn the appliance on. Note that if both the blender jar and the bowl have been correctly mounted, only the blender will function.

### Important:

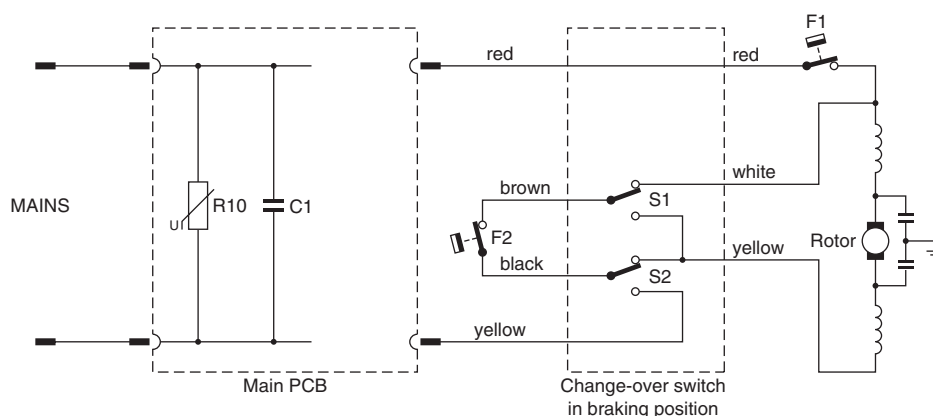
If the appliance is used without the blender jar, the appliance will not function, when the blender coupling (item 10) has not been protected by the blender cover (item 1).

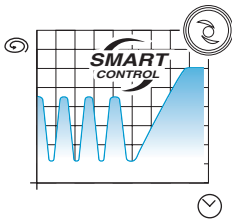
### Note:

The blender cover can only be removed, when no bowl including the bowl lid is mounted on the food processor.

### How to set the belt tension:

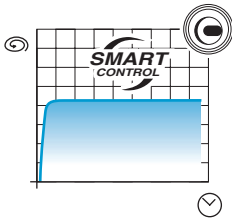
- Step 1: Give 30 N pretension force on the adjusting plate to minimise the distances between the belt and the belt wheels
- Step 2: Reduce the tension force from 30 N down to 10 N which is the required belt drive force for the appliance.
- Step 3: Fix the adjusting screw on the adjusting plate when the tension force reaches the value of 10 N (after coming down from 30 N!)





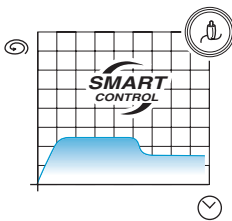
**Chopping process**

The chopping process starts with four pulses. After that, the food processor will pick up speed until it runs at maximum power. He will continue to run at this speed until the STOP button is pressed. The speed can be decreased in three steps by pressing the - button.



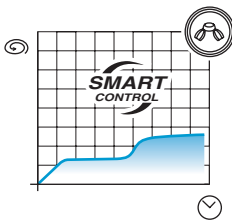
**Shredding and slicing process**

When the shredding and slicing button is pressed, the food processor will start to run at a constant speed to produce the best end results with the adjustable slicing disc or the inserts. The food processor will continue to run at this constant speed until the STOP button is pressed. The speed can be increased or decreased in three steps by pressing the + button or - button.



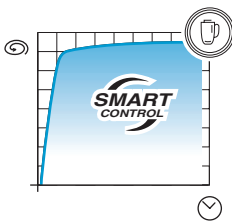
**Kneading process**

When the kneading process is selected, the appliance will increase the kneading speed in 10 seconds (soft start). This speed will be maintained for about 50 seconds to mix the ingredients properly. Then the speed will be decreased. The food processor will continue to run at this speed until the STOP button is pressed. The speed can be increased in three steps by pressing the + button or decreased in three steps by pressing the - button.



**Mixing process**

To prevent splashing, the mixing process has a 7-second Soft Start. The speed first set will be maintained for about 35 seconds. Then the speed increases to the final setting to achieve perfectly whisked egg whites or whipped cream. The food processor will continue to run at this speed until the STOP button is pressed. The speed can be increased or decreased in three steps by pressing the + button or - button.



**Blending process**

To prevent splashing, the blending process features a Soft Start. After a few seconds the speed gradually increases to maximum speed to produce a perfectly smooth result. The blender will continue to run at this speed until the STOP button is pressed. During the blending process the speed can be decreased in three steps by pressing the - button.

**PARTS LIST HR 7756/01**

<b>Pos.</b>	<b>Description</b>	<b>Service Code</b>		
1	Blender cover	4203 065 63470	32	Pusher closed bowl 4203 065 63800
2	Screw cap	4203 065 63620	33	Bowl lid 4203 065 63760
3	Top housing printed	4203 065 63950	34	Lid bearing 4203 065 63770
4	Panelfoil assy	4203 065 63920	35	Closed bowl 4203 065 63780
5	PCB controll assy	4203 065 63900	39	Insert granulating 4203 065 61570
6	Housing parts	4203 065 63490	40	Insert shredding fine 4203 065 61550
7	Safety switch lever	4203 065 63580	42	Insert shredding medium 4203 065 61560
8	PCB brake	4203 065 63960	43	Insert shredding coarse 4203 065 62310
10	Blender coupling	4203 065 63570	44	Insert holder 4203 065 61520
11	Motor assy - 230V	4203 065 63930	45	Adjustable slicing disc 4203 065 63670
12	Motor coupling assy	4203 065 63590	47	Metal knife (incl. protecting cover) 4203 065 63690
13	Mounting plate	4203 065 63600	49	Toolholder 4203 065 63680
14	Adjusting piece	4203 065 63540	55	Blender safety lid 4203 065 63650
15	Motor screw	4203 065 60310	56	Blender lid 4203 065 63640
16	Tooth belt	4203 065 60440	57	Blender jar 4203 065 63630
17	Belt wheel	4203 065 63560	60	Dust cover 4203 065 63730
18	Two speed gear	4203 065 63810	61	Open bowl 4203 065 63740
19	Cordset EURO	4203 065 63980	62	Toolholder open bowl 4203 065 63750
	Cordset UK	4203 065 64000	63	Ballon beater unit 4203 065 63710
	Cordset SWISS	4203 065 64020	64	Ballon beater (2pcs.) 4203 065 63790
			65	Metal kneader 4203 065 63720

