

Service  
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Philips Consumer Lifestyle

# Service Manual

## PRODUCT INFORMATION

### Features

- Colour: Blue
- Non-stick soleplate
- Pointed tip soleplate
- Steam output: 30 g/min
- Steam boost: 90 g/min
- 3 steam level control
- Spray feature
- Tank capacity: 300 ml
- Cord length: 2 m
- 360 degrees ball swivel
- Filling door
- Calc clean feature

### Safety Information

- This product meets the requirements regarding interference suppression on radio and TV.
- After the product has been repaired, it should function properly and has to meet the safety requirements and legal regulations as officially laid down at this moment.

## TECHNICAL INFORMATION

|                   |                                  |
|-------------------|----------------------------------|
| Voltage           | : 110 V, 220 - 240 V             |
| Frequency         | : 50 - 60 Hz                     |
| Power             | : 1300 W, 1830 - 2150 W          |
| Dimension (F-box) | : 303 (L) x 120 (W) x 152 (H) mm |
| Product weight    | : 1.2 kg                         |

### Water Advice

Suitable for tap water use. Advice to mix with equal portion of distilled water or use only distilled water if the tap water is very hard.

### Non-stick Soleplate

3 layer coating silver soleplate. This soleplate glides smoothly, is non-stick & easy to clean.

### Pointed Tip

This feature allows soleplate to reach tricky area.

### Steam Boost

The steam boost of 90 g/min helps to remove stubborn wrinkles easily.

### Calc Clean Function

This function flush scale particles out of the iron, hence iron enjoy longer life.

**BACKPLATE 17****CORDSET 20**

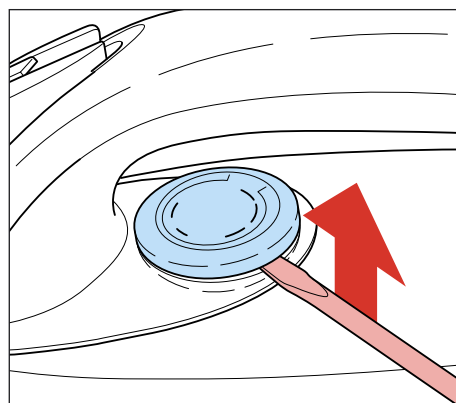
Remove screw A  
 Disassemble BACKPLATE 17  
 Remove screws B1, B2  
 Remove cord clamp  
 Disconnect 3x quick-connectors of CORDSET 20  
 Disassemble CORDSET 20

**LAMP ASSY 6****DOSING ASSY 22****SUB INLAY CAP 27****SUB INLAY ASSY 16****INLAY 15**

Disconnect 2x quick-connectors of LAMP ASSY 6  
 Disassemble LAMP ASSY 6  
 Remove DOSING ASSY 22  
 Remove screw C1  
 Remove SUB INLAY CAP 27  
 Remove screw C2  
 Disassemble SUB INLAY ASSY 16  
 Release rear catch of INLAY 15  
 Disassemble INLAY 15

**SOS KNOB 13****SPRAY KNOB 14****PUMP ASSY (SOS) 11****PUMP ASSY (SPRAY) 10****TANK SEAL 9****THERMOSTAT DIAL PRINTED 19**

Disassemble SOS KNOB 13  
 Disassemble SPRAY KNOB 14  
 Disassemble PUMP ASSY (SOS) 11  
 Disassemble PUMP ASSY (SPRAY) 10  
 Disassemble TANK SEAL 9  
 Disassemble THERMOSTAT DIAL PRINTED 19

**WATER TANK ASSY 7****PILOT LAMP COVER 5****THERMOSTAT BUSH 4****COVER 3****RYTON RING 2****DOSING SOS SEAL 12****SOLEPLATE ASSY 1**

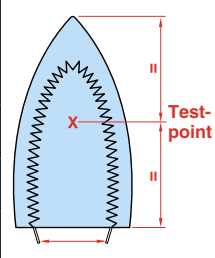
Remove screws D1, D2  
 Disassemble WATER TANK ASSY 7  
 Disassemble PILOT LAMP COVER 5  
 Disassemble THERMOSTAT BUSH 4  
 Remove screws E1, E2, E3  
 Disassemble COVER 3  
 Disassemble RYTON RING 2  
 Disassemble DOSING SOS SEAL 12  
 Disassemble SOLEPLATE ASSY 1

- Due to the high wattage of the iron, only the specified cord set must be used.
- Should damage be observed on the **CORDSET 20**, it must be replaced.  
Continued usage is not allowed.
- After the product has been repaired, it should function properly and has to meet the safety requirements & legal regulations as laid down & officially established at this moment.
- The following tests are common checks that are conducted on a repaired product before it is returned to the consumer.

### 1. Soleplate temperature

Check that soleplate temperature is within IEC requirement.

Measure the temperature of the soleplate after the iron has reached steady state i.e connected to the mains for at least 15 minutes.  
The table below shows the temperature requirement.

| Marking      | Soleplate temperature (Deg C) |         |                     | Material, for example                             |  |
|--------------|-------------------------------|---------|---------------------|---|---|
|              | Minimum                       | Maximum | Nominal + Tolerance |   |   |
| • (1 dot)    | 70                            | 120     | 95 ± 25             | Acetate, elastane, polyamide, polypropylene       |   |
| •• (2 dots)  | 100                           | 160     | 130 ± 30            | Cupro, polyester, silk, triacetate, viscose, wool |   |
| ••• (3 dots) | 140                           | 210     | 175 ± 35            | Cotton, linen                                     |   |

### 2. Leakage current

Check that leakage current is within IEC requirement.

Measure leakage current between LIVE/NEUTRAL & EARTH.

IEC requirement is that at 230 V supply, the EARTH leakage current must be less than 0.75 mA.

### 3. Water leakage / Functionality

Check that there is no water leakage from any part of the product during operation.

Check that the functionality of the product (product dependent) eg. steaming, variable steam, SOS, ASO etc is working properly.

### 4. Loose part

Check that there are no loose parts eg. extra screw in the product that can cause short-circuit or product malfunction.

| Pos | Service code          | Description                         |
|-----|-----------------------|-------------------------------------|
| 1   | 4239 021 34520        | Soleplate assy 230 V Ceralon        |
|     | <b>4239 021 38760</b> | Soleplate m. a. 110 V               |
| 2   | 4239 015 70150        | Ryton ring                          |
| 3   | 4239 026 23350        | Cover (non Drip-Stop)               |
| 4   | 4239 026 13220        | Thermostat bush                     |
| 5   | 4239 026 23430        | Pilot lamp cover                    |
| 6   | 4239 021 34200        | Lamp assy                           |
| 7   | 4239 021 33880        | Water tank assy                     |
|     | <b>4239 021 38720</b> | Water tank assy 110 V               |
| 8   | 4239 026 23510        | Plastic rattle spring               |
| 9   | 4239 026 23490        | Tank seal                           |
| 10  | 4239 020 90560        | Pump assy (Spray)                   |
| 11  | 4239 021 33830        | 1.2 cc Pump assy (SOS)              |
| 12  | 4239 015 56440        | Dosing SOS seal                     |
| 13  | 4239 026 23410        | SOS knob                            |
| 14  | 4239 026 23420        | Spray knob                          |
| 15  | 4239 026 23370        | Inlay                               |
| 16  | 4239 021 34720        | Sub inlay assy                      |
| 17  | 4239 026 23440        | Backplate                           |
| 18  | 4239 025 92070        | Ball swivel                         |
| 19  | 4239 021 35540        | Thermostat dial printed ENG         |
|     | 4239 021 35560        | Thermostat dial printed ITA/SPA/POR |
|     | 4239 021 33970        | Thermostat dial printed FRE/DUT     |
| 20  | 4239 000 08850        | Cordset EU                          |
|     | 4239 000 08380        | Cordset UK                          |
|     | 4239 000 08660        | Cordset South Africa                |
|     | <b>4239 000 08550</b> | Cordset 110 V                       |
| 21  | 4239 021 34740        | Dosing assy                         |
|     | <b>4239 021 38700</b> | Dosing assy 110 V                   |
| 22  | 4239 026 23990        | Aesthetic cover                     |
| 27  | 4239 026 25260        | Sub inlay cap                       |

