

Service
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Philips Consumer Lifestyle

Service Manual

PRODUCT INFORMATION

Features

Iron

- Steam Glide soleplate
- Steam rate (Max): 120 g/min
- Steam trigger with lock
- Steam hose length: 1.65 m

Stand

- Inox boiler
- Boiler pressure: 4.5 bar
- Fixed water tank volume: 1.0 L
- Cord length: 2.0 m
- Flex & hose-cord storage hook
- Easy rinse
- Anti Calc cartridge in water tank

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 as officially laid down as this moment.

TECHNICAL INFORMATION

Voltage	: 220 - 240 V
Frequency	: 50 - 60 Hz
Power Iron	: 800 W
Boiler	: 1370 W
Dimension (F-box)	: 350 x 350 x 250 mm (L x W x H)
Weight (with packing)	: 6.4 kg

Water advice

If the tap water in your area is very hard, it is advisable to mix the tap water with an equal amount of demineralised water.

Easy to rinse

The new design of the rinse cap makes it very easy to rinse the boiler regularly. Simply unscrew the cap and pour out the "dirty" water into the sink.

No hassle with coins, extra tubes or anything of this sort.

Fixed water tank

The fixed water tank that is incorporated into the stand allows re-filling anytime during ironing. Since water is not re-filled directly into the boiler, there is no waiting time for boiler to cool down.

BACKPLATE 1**SWIVEL 2****HOSE CORD ASSY**

- Remove Screw A
- Disassemble **BACKPLATE 1**
- Remove Screw B1, B2
- Remove Clamping plate
- Remove Quick-connect S, E, L, N
- Disassemble **SWIVEL 2**
- Remove **HOSE CLIP 10**
- Disassemble Steam hose
- Disassemble **HOSE CORD ASSY**

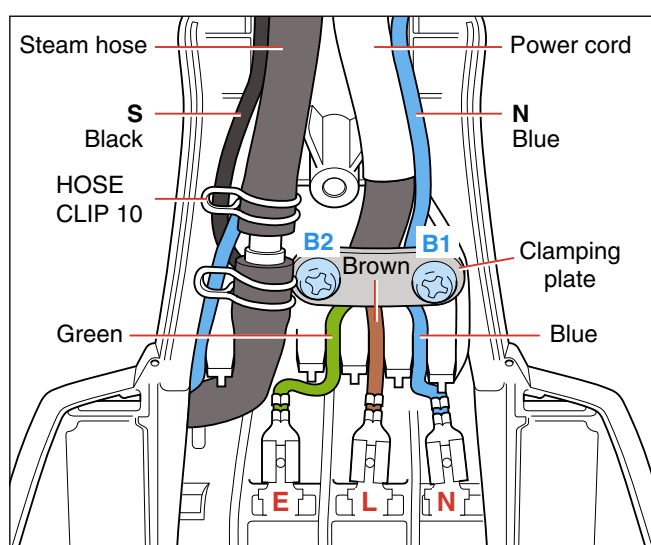


Fig 1. Wiring at rear HOUSING (Part 1)

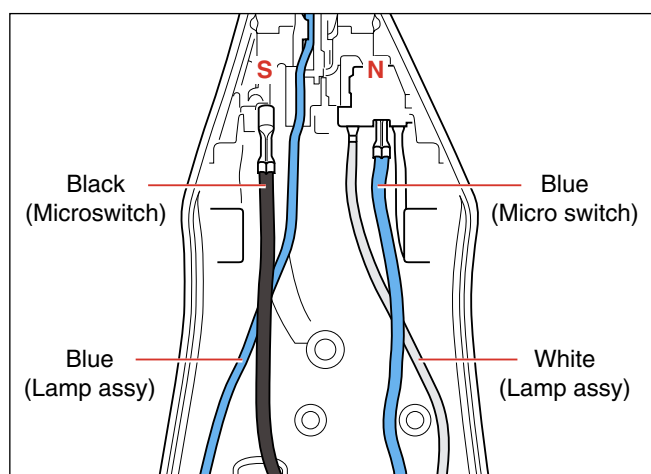


Fig 2. Wiring at rear HOUSING (Part 2)

INLAY 4**LAMP ASSY 7****MICROSWITCH ASSY 9****TRIGGER 12****THERMOSTAT DIAL ASSY 14****HOUSING PRINTED 16****SOLEPLATE COVER 17****THERMOSTAT BUSH 19****RUBBER HOSE****BRASS JOINT****SOLEPLATE ASSY 23**

- Remove Screw A
- Disassemble **BACKPLATE 1**
- Disassemble **TRIGGER 12**

Tip: Disassemble **TRIGGER** by inserting a sharp object into the gap at the rear of the trigger & prying upward.

- Remove Screw C
- Release Inlay rear catch
- Disassemble **INLAY 4**
- Disassemble **LAMP ASSY 7**
- Disassemble **MICROSWITCH ASSY 9**
- Disassemble **THERMOSTAT ASSY 14**

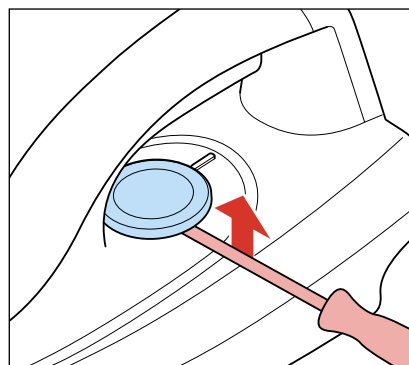


Fig 3.

- Remove Screws D1, D2, D3
- Disassemble **HOUSING PRINTED 16**
- Remove Screws E1, E2, E3
- Remove **HOSE CLIP**
- Disassemble **SOLEPLATE COVER 17**

Pos	Service code	Description
1	4239 026 38051	Backplate
2	4239 021 55911	Hose cord mounted assy
4	4239 021 55521	Inlay non SOS assy
7	4239 021 46071	Lamp mounted assy
9	4239 021 42390	Microswitch assy
12	4239 026 38011	Trigger
13	4239 014 54370	Trigger spring
14	4239 021 55511	Thermostat dial printed
16	4239 021 55491	Housing A printed assy
17	4239 026 37971	Cover molded
18	4239 015 70150	Ryton ring
19	4239 026 13220	Thermostat bush
23	4239 021 41290	Soleplate mounted assy Non SOS

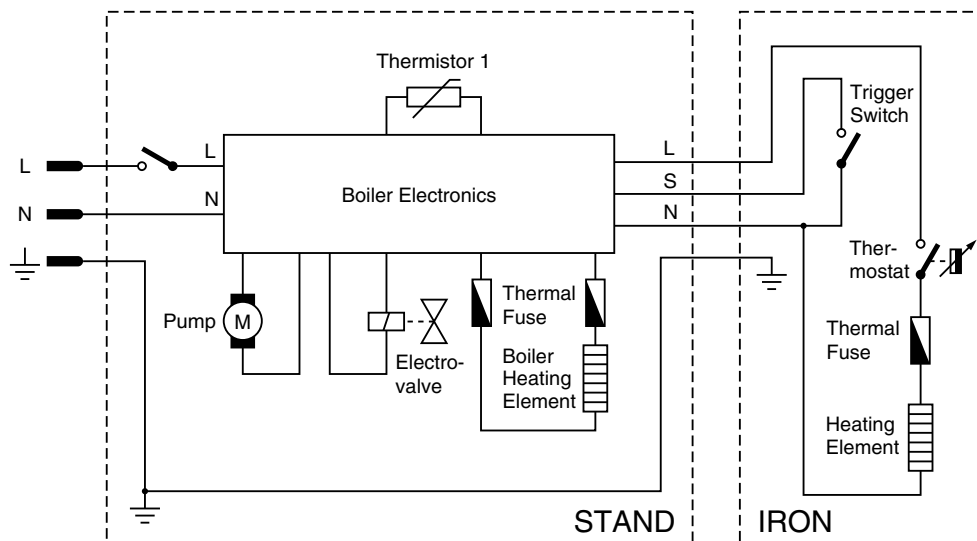
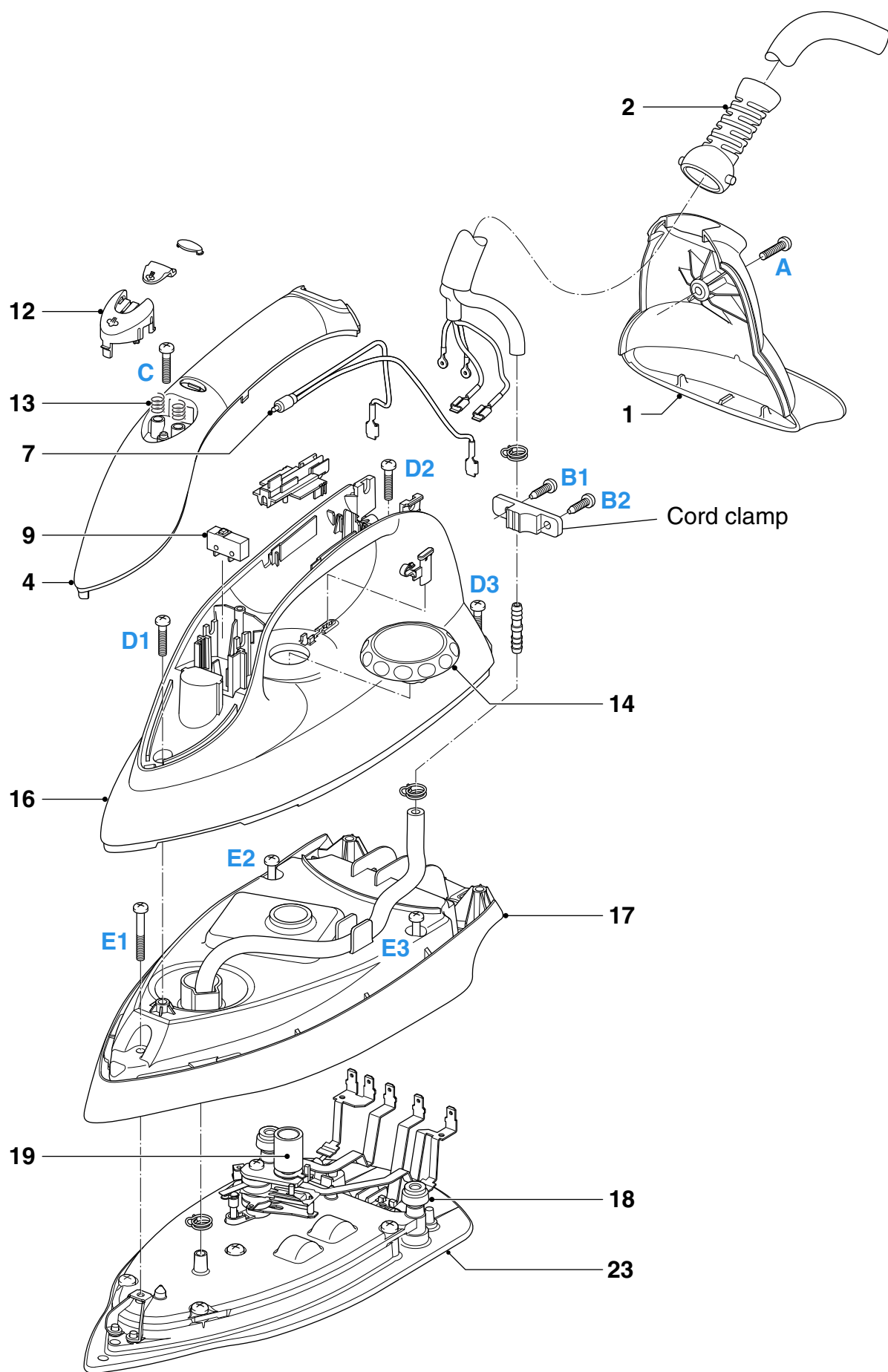


Fig 4 . Electrical diagram



TRAY RUBBER CAP 30**TRAY ASSY 33****DOOR ASSY**

Remove TRAY RUBBER CAP 30 (3x)

Remove Screw F1, F2, F3

Disassemble TRAY ASSY 33

Remove Screw G

Disassemble DOOR ASSY

FRONT PANEL PRINTED 37**POWER BOARD****LIGHT SWITCH 44**

Remove TRAY RUBBER CAP 30 (3x)

Remove Screw F1, F2, F3

Disassemble TRAY ASSY 33

Remove Screw H1, H2

Disassemble FRONT PANEL 37

Disassemble LIGHT SWITCH 44

Disassemble POWER BOARD

WATER TANK ASSY 34**HOSE CORD CAP 36****BOILER ASSY 38****BRAIDED RUBBER HOSE -
BOILER****PUMP ASSY 45****INLET TUBE - PUMP****DE-AIR TUBE****RINSE RUBBER COUPLING 50****RINSE BUSH****RINSE CAP ASSY 52**

Remove TRAY RUBBER CAP 30 (3x)

Remove Screw F1, F2, F3

Disassemble TRAY ASSY 33

Remove Screw H1, H2

Disassemble FRONT PANEL 37

Disassemble HOSE CORD CAP 36

Disassemble RINSE CAP ASSY 52

Disassemble RINSE BUSH

Disassemble RINSE RUBBER COUPLING 50

Remove Screws K1, K2, K3, K4

Disconnect INLET TUBE - PUMP

Disconnect DE-AIR TUBE

Disassemble WATER TANK ASSY 34

Disassemble BRAIDED RUBBER HOSE - BOILER

Disassemble PUMP ASSY 45

Remove Torx screws L1, L2, L3

Disassemble TOP SPACER


Disassemble BOILER ASSY 38

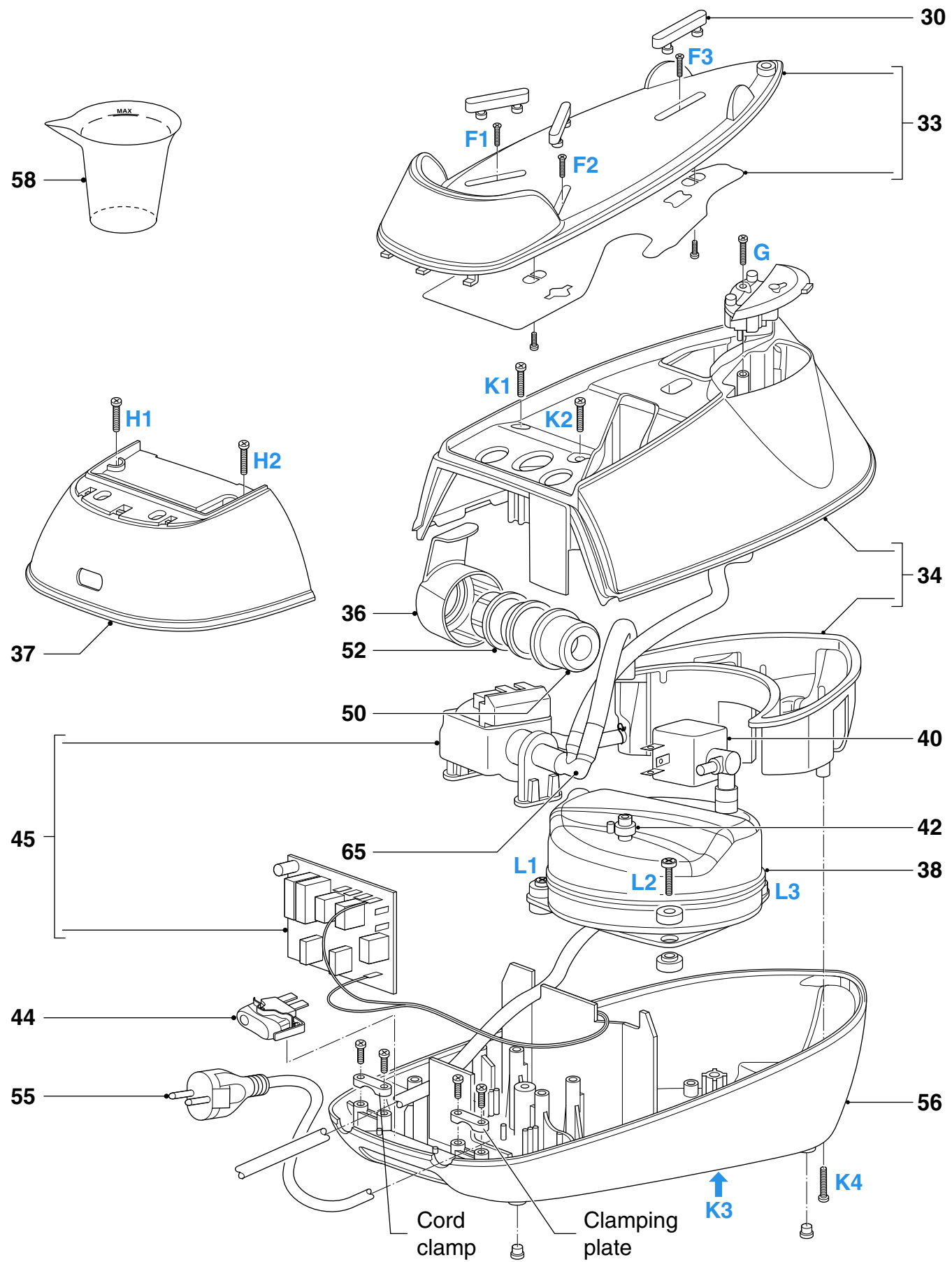
PARTS LIST - STAND

Pos	Service code	Description
30	4239 015 58691	Tray rubber cap
33	4239 021 55611	Tray B assy
34	4239 021 55571	Water tank assy
36	4239 026 38161	Hose cord cap
37	4239 021 55561	Front panel A printed
38	4239 021 39540	Boiler assy - High End
40	4239 017 09890	Electrovalve
42	4239 010 10260	Inox clamp
44	4239 017 11881	Light switch
45	4239 022 62991	Control board-Pump assy kit

Pos	Service code	Description
50	4239 015 56760	Rinse rubber coupling
52	4239 021 55541	Rinse cap assy
55	4239 000 10100	Cordset EU
56	4239 021 55531	Stand bottom A assy
58	4239 026 05990	Filling cup
65	4239 026 42081	De-air valve

Note: For Pos 45, please replace both components together when either one is faulty.
The 2 components come as a service kit.

 = changed

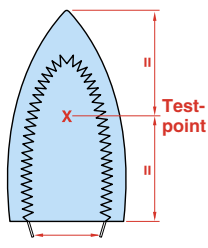


- Due to the high wattage of the iron, only the specified cord set must be used.
- Should damage be observed on the **HOSE-CORD ASSY** or **CORDSET 55**, they must be replaced. Continued usage is not allowed.
- When replacing the **MICROSWITCH ASSY 9**, please dress the 2 attached wires such that they are free of tension. Pulling force on the wires may affect the steam triggering.
- To avoid damage to the sealing & components of the **BOILER ASSY 38**, **NEVER** clean the boiler assy with vinegar, descaling agent or other corrosive chemicals.
- When replacing **ELECTROVALVE 40** or **PUMP ASSY 45**, please be reminded to apply loctite at the joints for good sealing.
- 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.

Pump Assy Wire connections

Connector positions in DOTTED circle cannot be interchanged

