

TERMINATOR G

Professional Steam Cleaner





INSTRUCTIONS FOR USE AND MAINTENANCE

TABLE OF CONTENTS

Introduction	page 4
Description	page 4
Safety Warnings	page 5
Technical specifications	page 6
Instructions for use	page 6
Standard Accessory Set	page 10
Maintenance	page 12
Troubleshooting	page 13
Warranty	page 13

INTRODUCTION

Before performing any operation on the machine, carefully read this manual.

It contains all the information necessary for accident-free operation, ensuring the safety of the operator and all persons working nearby, and respect for the environment. Correct use of this manual enables the user to keep the machine in good condition, reduces breakdowns and consequently repair costs and machine down time.

Keep the manual in a suitable place where it can be easily accessed by the operator whenever required.

DESCRIPTION

This product performs steam-cleaning of all sorts but is designed specifically to work with different detergents in a highly effective and yet ecological manner. One such specific task is the removal of chewing gum. This use of this machine is not in any way limited to this specific application.

This machine is a steam generator designed for the following functions:

Cleaning with steam

Cleaning with steam + detergent

SAFETY WARNINGS

The manufacturer declines all liability for:

- **incorrect use of the machine or use for purposes other than those for which it has been designed.**
- **all modifications made without manufacturer authorisation.**
- **replacement of original parts with parts produced by other manufacturers.**
- **use by untrained personnel.**
- **inappropriately grounding of the electrical supply.**
- **the use of detergents other than those supplied and validated by the manufacturer.**
- **use of the machine without protective clothing, shoes, gloves and safety glasses.**

ATTENTION! Before connecting the machine to the power supply, make sure that your supplied voltage corresponds to the declared voltage on the machines label at the rear of the machine!

1. Never direct steam and/or hot water against persons, animals or yourself.
2. Do not use the equipment near persons if the latter are not wearing protective clothing.
3. Caution! Hot accessories can lead to injuries, to not touch with bare skin.
4. Make sure that the water you fill into the water tank is clean. Avoid the use of buckets or canisters to fill the tank unless these are completely free of dirt or foreign objects.
5. Do not drag the machine by pulling the hose, this can damage the hose.
6. Never pull the plug out of the mains socket by pulling at power cord, pull holding plug.
7. Control the power supply cable before use for any damage.
8. In the event of damage of the power supply cable, have it immediately replaced by the manufacturer or qualified personnel.
9. Over length of extension (longer than 25m) may lead to insufficient voltage supply and malfunction.
10. CAUTION: inadequate extensions can be dangerous. Make sure that your extension is correctly dimensioned and constructed according to national legislation!
11. Never immerse any part of the machine in water or other liquids.
12. Control the steam carrying hose and all accessories for damage before use and replace or have them repaired immediately.
13. In the event of leakage of steam or liquid, switch off and disconnect immediately. Contact the manufacturer or service center.
14. The equipment must not be used by children or untrained personnel.
15. To guaranty safety of the equipment, only original spare parts must be used supplied by the manufacturer or approved by it.
16. Never use the machine in a tilted position, all 4 wheels must stand on a plane surface.
17. Do not clean heat sensitive materials with steam, the heat of the steam could cause damage.
18. Operate the machine only wearing appropriate protective clothing, gloves and safety goggles or glasses.

TECHNICAL SPECIFICATIONS

Boiler capacity	2,9 lt.
Boiler material	Stainless Steel AISI 304
Capacity water tank	10 lt.
Heating time	9 min. approx.
Operating pressure	8 Bar (116PSI)
Maximum temperature	170.4°C (338.7°F)
Boiler power	1700 W
Total power	1750 W
Nominal Voltage	120V~ 60Hz
Capacity detergent tank	10 lt.
Dimensions LxWxH	56 x 35 x 93cm
Weight	19 Kg

Machine safety devices:

- Safety valve to relieve overpressure in the boiler
- Pressure switch for maximum pressure level
- Safety thermostat with manual reset
- 12 V low voltage hose-grip controls
- Water-resistant switches on the machine

INSTRUCTIONS FOR USE

ATTENTION!

The machine is supplied with a power supply cable suitable for its absorption. Check that the electrical system complies with the current regulations.

1. CONTROLPANEL
2. HOSE CONNECTION SOCKET
3. WATER-TANK
4. DETERGENT CANISTER
5. DETERGENT CONNECTOR
6. WATER CONNECTOR
7. PROTECTIVE BAR





- | | | | |
|-----|-----------------------------|-----|--------------------------|
| 1.1 | MAIN ON/OFF SWITCH WITH LED | 1.2 | LOW WATERLEVEL LIGHT RED |
| 1.3 | PRESSURE GAUGE | 1.4 | BOILER ON LIGHT GREEN |
| 1.5 | BOILER ON/OFF SWITCH | | |



MACHINE START:

Steam only function:

- Open the water-tank plug (3), fill the tank with 5lt. of clean tap water and then replace the plug. Check the level in the water canister regularly during use to see how much water remains. A full canister lasts for at least 3 hours of continued steam output. Check at the back of the machine that the 2 transparent hoses (6) are correctly fastened. The quick connectors (5) and (6) are protected against damage by a metal bar (7)!
- Insert the hose into the steam hose socket (2), ensuring that it is securely connected.
- Press the main ON/OFF switch (1.1) to switch the machine on. (*the first time the machine is used the boiler will be empty and needs to be filled first, this can take a while. When the machine is switched on, an acoustic signal will be heard and the red light (1.2) will light up, this is normal in this case. Please just continue to follow the instructions.*)
- The LED in the ON/OFF switch (1.1) now lights up.
- Push the boiler ON/OFF switch (1.5) to enable the heating element (*the heating element will not turn on as long as the boiler is not filled with water*) and the pump starts filling the boiler. Now the green light (1.4) starts blinking while being filled and heating up. Filling is automatically performed when required by an integrated water level sensor.

- As soon as the pump completes filling the boiler the heating phase begins, lasting approx. 6 - 8 minutes.



WARNING!

A loose connection between hose and socket can cause steam to leak into the connecting parts and cause damage. The low voltage electric connections in the hose “do not” endanger the user, these are a protection!

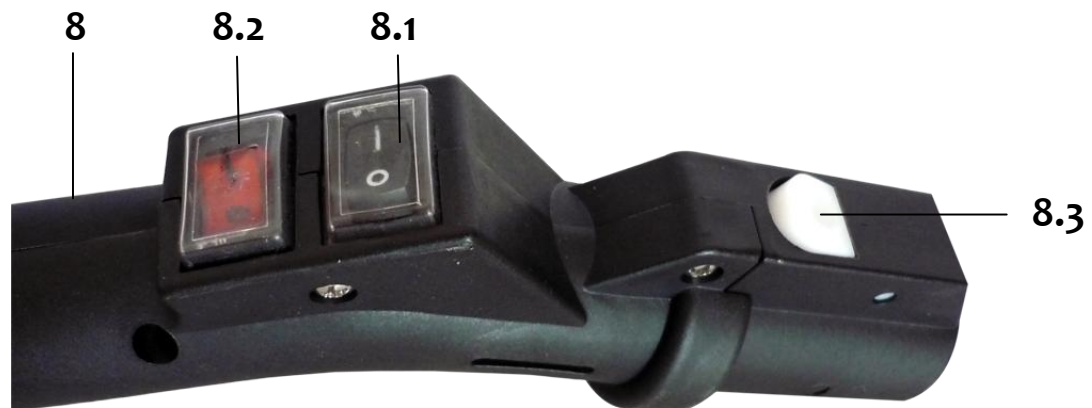
- **IMPORTANT!** As soon as the machine starts to rise in pressure, say 2 to 3 Bar, you should press the steam ON/OFF switch **(8.1)** on the hose-grip, for approx. 10 - 15 seconds, to evacuate any excess air that has accumulated in the boiler due to under-pressure when the boiler cools down after use. Only now will the machine reach its full pressure and be ready to work. Otherwise, when you first enable steam output the pressure will drop very rapidly, in this case allow the boiler to now reach the maximum pressure before operating the machine. *This is not a defect but a characteristic of our machines!*
- Attach the required accessories.
- Now press the steam ON/OFF switch **(8.1)** on the hose-grip and direct the steam jet into a bucket or cloth. At first condensed water will be expelled from the hose, then steam. Allow the steam to exit for 30 seconds before you start treating the surface to be cleaned. This will avoid excess moisture, especially if cleaning electronic components!

8 HOSE-GRIP

8.1 STEAM ON/OFF SWITCH

8.2 RED DETERGENT SWITCH

8.3 WHITE LEVER



Detergent/Wet Steam:

The Jupiter Gum controls the mixture of detergent or water and steam electronically. This enables the detergent/wet steam function to be used in continuous while consuming a minor amount of detergent or water. This speeds up work enormously, allowing for efficient and ecological steam application with dedicated detergents or simply wet steam.

ATTENTION! Control the level in the detergent canister regularly and refill before it runs empty.

- Remove the cap of the detergent canister **(4)** and fill the tank with 5 liters of water or mix with one of our specified detergents (see instructions on the detergent) and then

replace the cap. Make sure that the transparent detergent connection hose (5) is correctly fitted at the rear of the machine. **The detergent connectors are silver colored!**

- Start the machine as above and connect the hose to the hose connection socket (2).
- Now enable the steam ON/OFF switch (8.1) on the hose-grip and then enable the red detergent/water switch (8.2). The red switch (8.2) enables the electronic control of the detergent/wet steam pump; disable in order to use steam only. It will take 5 to 10 seconds to evacuate remaining moisture from the hose in order to have only dry steam-cleaning. If steam output is not activated by switch (8.1) but the red switch (8.2) is activated, then the electronic control will remain inactive and the pump will not run!

ATTENTION!

This machine has been designed for use only with detergents validated and sold by the manufacturer. Use of detergents other than ours will invalidate the warranty! The use of foaming and/or corrosive detergents or other chemical compounds will damage the machine!

Water-tank refill:

When the water-tank reaches its minimum level the machine emits an acoustic signal and the red low water warning light (1.2) lights up. Steam output is now interrupted until the tank and boiler are refilled.

Perform the following operations:

- Turn the main switch (1.1) OFF
- Open the plug (3) and fill the water-tank with clean tap water.
- To restart the machine, operate switches (1.1) and then (1.5) as explained before.
- Since the boiler was already under pressure, the green light will flash for a short interval until the machine reaches its maximum pressure and is ready to resume work.

STANDARD ACCESSORY SET

The accessories are designed to fit tightly and seal well against the loss of steam. The parts insert only in one precise manner into each other and are separated by pressing down the white lever **(8.3)** and then pulling. Should the parts be difficult to separate after prolonged use, please clean them and put some silicone grease on the O-rings. Always keep the O-rings in perfect condition and exchange these if damaged!

For instructions on how to best use the single accessories please contact your dealer or distributor!

Accessory sets may vary regionally!

ITEM CODE, QUANTITY & DESCRIPTION	
SDA-00040 1 STEAM HOSE 6M	
SDA-00025 2 EXTENSION TUBES L.500	
SDA-00026 1 EXTENSION TUBE L.250	
SDA-00042 1 Grip	
SDA-00041 1 STEAM LANCE L.100	
SDA-00035 1 STEAM SQUEEGEE L.300	
SDA-00036 1 SCRAPER	

ITEM CODE, QUANTITY & DESCRIPTION	
SDC-00006 2 MEDIUM ROUND BRUSH SST BRISTLES	
SDC-00007 2 MEDIUM ROUND BRUSH NYLON BRISTLES	
SDC-00008 2 MEDIUM ROUND BRUSH BRASS BRISTLES	

ATTENTION!

Optional accessories and consumables are available, please contact your dealer or distributor to receive a list of the available optionals!

MAINTENANCE

ATTENTION!

Please make arrangements with your dealer for a maintenance/service contract, especially if the machine is heavily used. Maintenance should be done anywhere between every 12 months if used for up to 2 hours a day and every 3 months if used for 8 hours or more a day!

The amount of carbonates in the water (chalk, salts and other minerals) determine the hardness of the water you use with this machine. When water is heated up these carbonates will “fall out”, that is they will become small particles that in the worst case can encrust you boiler, the heating element and other components. Please clean your boiler as described below regularly, more so if you have hard water from the tap. Do not use demineralized or distilled water with your machine because such water contains no minerals and carbonates and could cause the water level sensor to malfunction!

Cleaning the boiler:



DANGER!

Wear protective clothes and glasses while operating the below procedure, the hot water can cause injuries!

- Switch the machine ON, with switch **(1.1)** and **(1.5)**, while the machine is at “zero” pressure. Let the pressure reach 2 bars, approx. 100° C temperature in the boiler.
- Turn off the main switch **(1.1)** and unplug the machine from the mains.
- Shake the machine a bit.
- Lift the machine and place a container below to collect the dirty water from the boiler.
- With a n° 22 wrench, partially unscrew the plug below the machine to let the pressure out of the boiler.
- When all the pressure has been discharged, fully remove the plug.
- Empty all the water in the boiler, shaking the machine gently to help empty the water.
- Re-tighten the plug securely but without over tightening.
- Follow the steps written in the chapter “Machine Start” to refill the boiler and prepare the machine for use.

ATTENTION!

If the water removed from the machine was very dirty, you are advised to repeat the operation.

Check for any water leaks from the plug below the machine and tighten the plug if necessary.

TROUBLESHOOTING:

Steam leaks from accessories due to dirt, wear or breakage of gaskets or it is difficult to disconnect these.	Replace the gaskets on the connections making sure you do not cut or mark the gasket and that it is securely fitted in its housing. Clean and place a light film of silicone grease on the gaskets.
Hose plug hard to insert in the machine socket .	Do not force it in; lubricate the steam socket connection on the machine with silicone grease.
Machine heating time too long .	Remove the scale from the boiler as described above.
The pressure drops rapidly during operation.	Remove the scale from the boiler as described.
The pressure rises rapidly and the pump continues to fill the boiler with water .	The machine needs to be serviced! Please contact your service center.

Warranty