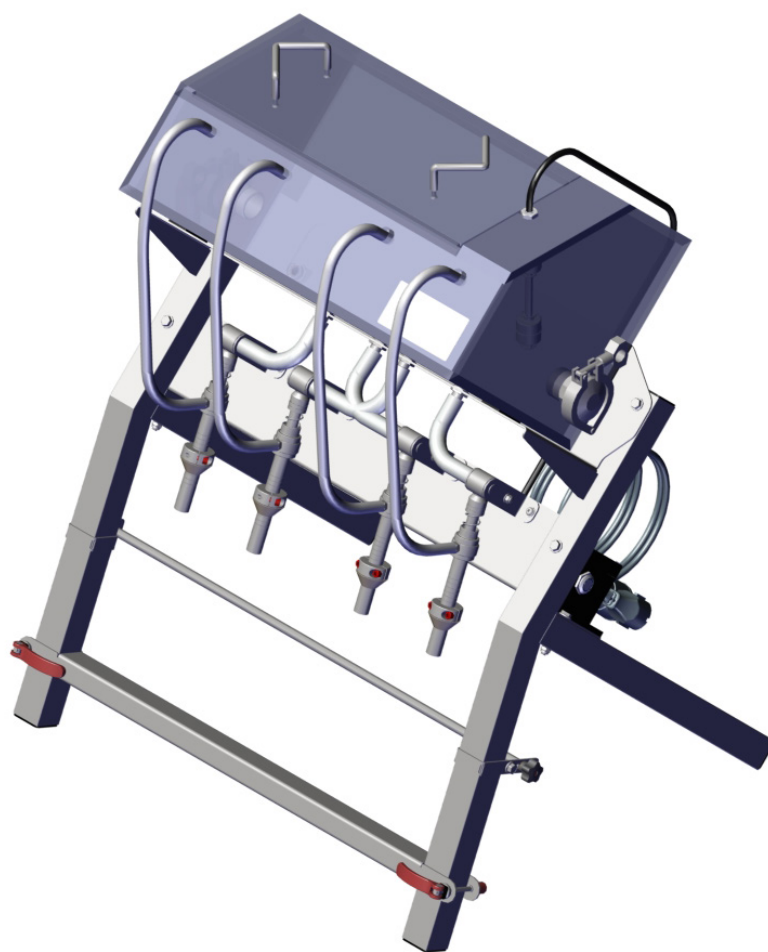




User Manual

ULTRAGRAVITY 4



This INSTRUCTIONS FOR USE manual has been produced
in accordance with Directive 2006/42/EC

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INTRODUCTION TO MANUAL

The Instruction Manual represents the training reference document prepared by the Manufacturer, aimed at users who will come into contact with the machine throughout its life cycle.

The purpose of the document is to provide information for proper use of the equipment, from installation to disposal, highlighting the dangers that can result from incorrect use.

In order to achieve good results in the installation environment, the instructions given in this Manual should be strictly followed, avoiding, above all, the occurrence of technical problems and the exposure of operators to health hazards.

The following symbology is used within the User's Manual to indicate the presence of hazards and draw the reader's attention to important information:

NOTE

The important notation to be highlighted is inserted in this area.

CAUTION

Indicates a reminder to apply safety practices or calls attention to unsafe practices that could cause personal injury or damage to the machine or components or the environment.

WARNING

Indicates that there is a danger that may cause injury or death if appropriate precautions are not taken.

RETENTION OF INSTRUCTIONS FOR USE

NOTE

This user's manual is an integral part of ULTRAGRAVITY 4 tumblers and should be read carefully before use as it provides important guidance regarding safe installation, operation and maintenance.

Therefore, keep it carefully.

ATTENTION

Failure to follow the instructions below is a dangerous condition and puts the proper operation of the equipment at risk.

ATTENTION

Before using ULTRAGRAVITY 4 lottiners, carefully read the general safety rules below.

DEVICE IDENTIFICATION DATA

The manufacturer's identification and European Directive conformity plate is located on the device.

Several safety warnings are applied to the device; such warnings must be strictly followed by everyone dealing with the product. The company is not to be held responsible for damage to property or accidents to people which might occur if the above-mentioned warnings are not observed. In such a case, the operator is the only person responsible.



INTENDED USE

The ULTRAGRAVITY 4 filling machine is intended for the semiautomatic filling of bottles with liquid foods.

It can be used for:

- Beer
- Wine
- Spirits (spirits)
- Vinegar
- Cider
- Non-viscous liquids
- Fruit juices

No liability will be assumed if other kinds of liquids or solvents are used.

WARNING

The maximum liquid temperature must be lower than 80°C.

ATTENTION

It is absolutely forbidden to make any changes to any component of the product or replace it with non-original parts.

WARNING

Uses of the product not in accordance with what is described in this document are considered improper and therefore declared unsafe.

Such unintended uses may result in damage to the equipment and personal injury, including serious injury. Any other use other than that for which the product was designed and described in this document is considered non-compliant, and therefore the Manufacturer disclaims all liability.

NOTE

ILTEC by I.L. INDUSTRIA di LEIVI Srl shall not be held liable in the event of damage to the machine and/or injury to personnel due to failure to comply with the safety requirements set forth in this Manual.

SAFETY PRESCRIPTIONS

WARNING

Read all the instructions and safety warnings before use. Keep the manual for future reference.

- After removing the packaging make sure of the integrity of the device. If in doubt, do not use them and contact ILTEC by I.L. INDUSTRIA di LEIVI Srl. Do not leave any packaging items (plastic bags, cardboard, etc.) within reach of children or disabled persons as they are potential sources of danger. The safety concept of the appliance is only valid in perfect condition.
- This equipment is not designed to be used by persons (including children) with reduced physical, physiological or intellectual capabilities, or who lack experience and/or ability, unless they are under the supervision of a person responsible for their safety or providing them with instructions on how to use the equipment.
- Check that the power cable is intact before use. If not, contact customer service.
- Check that the plug fits the socket before use. If not, contact customer service.
- Do not plug or unplug with wet hands.
- Place the device on a dry and stable surface.
- To ensure sufficient ventilation, leave at least 12 cm of clearance around the device.
- Do not expose the device to direct sunlight, to wind, rain and splashing water.
- Do not obstruct the device with objects when it is in operation.
- Disconnect the plug from the outlet before cleaning the device-otherwise you risk electric shock or death.
- Do not use metal sponges or abrasive products to clean the device.
- Supervise children so that they do not play with the ULTRASEAMER.
- The device is for use in the home and similar environments (workplaces, hotels, motels, and similar facilities). The device is not for industrial use.

- Entrust customer service to repair or replace damaged or malfunctioning connection cables and/or devices.
- Do not open the casing of the device to try to repair it yourself. Doing so may compromise the safety of the device and void the warranty.
- NEVER immerse the device in water or other liquids; clean it only with a slightly damp cloth.
- Never leave the device switched on.
- Use the device in environments with temperature between 10°C and 35°C.
- Keep hands away from moving parts when operating the device.
- Do not use the device if it is damaged.

ATTENTION

The original configuration of the equipment must not be changed at all. Upon receipt of the same, check that the delivery corresponds to the order specifications. In case of nonconformity inform the manufacturer immediately.

Also check for damage during transport.

WARNING

Levi's Industria products are not designed to operate in explosive and high fire hazard environments. In case of failure or improper operation, the equipment should not be used until the Technical Service Department has completed repair work.

NOTE

This manual is an integral part of ULTRAGRAVITY 4 filling machines and it must be carefully read before using it since it gives important indications with regards to its safe installation, use and maintenance. Keep it with care.

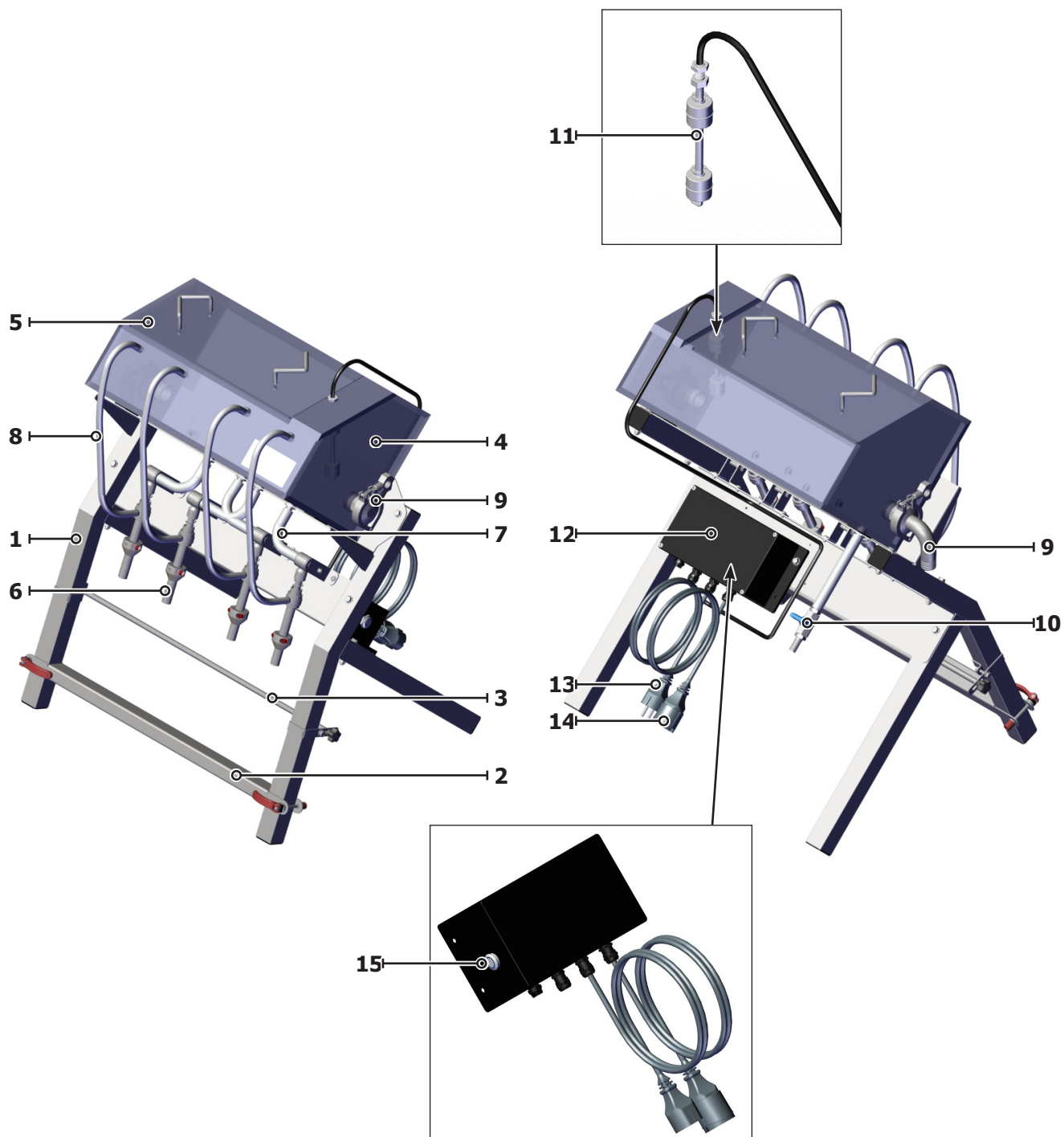
ATTENTION

Failure to comply with the following instructions will result in dangerous conditions which may affect personnel safety and machine operation.

DESCRIPTION OF THE DEVICE

The device consists of the following main components:

1. Support structure
2. Bottle support
3. Bottle holder
4. Tank
5. Tank cap
6. Filling nozzle (x4)
7. Filling nozzle tube (x4)
8. Air reflow tube (x4)
9. Tank product inlet (x2)
10. Tank emptying valve
11. Float
12. Electrical box
13. Power cable (Male)
14. Pump connection cable (Female)
15. ON/OFF switch



TECHNICAL DATA

MODEL	LTRAGRAVITY 4	
Number of nozzles	4	
Power supply	110V 60 Hz o 230V 50 Hz	
Power	Max =400W (60Hz)	Max=800W (50Hz)
Scope min/max	Min=600l/h Max=2500l/h	
Filling rate	750 bottles/h (750ml bottles)	
Dimensions	600x400x820	
Weight	20 kg	
Degree of protection	IP63	

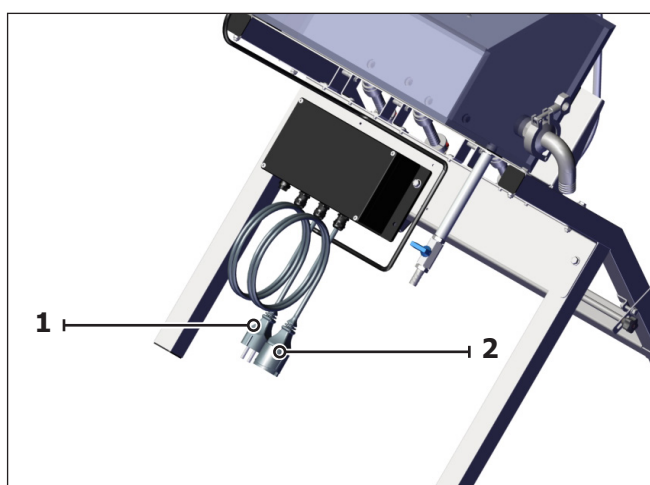
Electrical and pump connection

ATTENTION

Before connecting the device to a voltage source, check that its voltage matches that indicated on the device's nameplate data and that the power switch is in the "0" position.

Connect the device to the power supply by means of the cable [1] provided.

Connect the pump to the device by means of the cable [2] supplied.



WARNING

Before using the filling machine, carry out the flushing operations described in chapter 9 "Flushing".

No liability will be assumed if flushing is not carried out to remove dusts which could affect the quality of the bottled product.

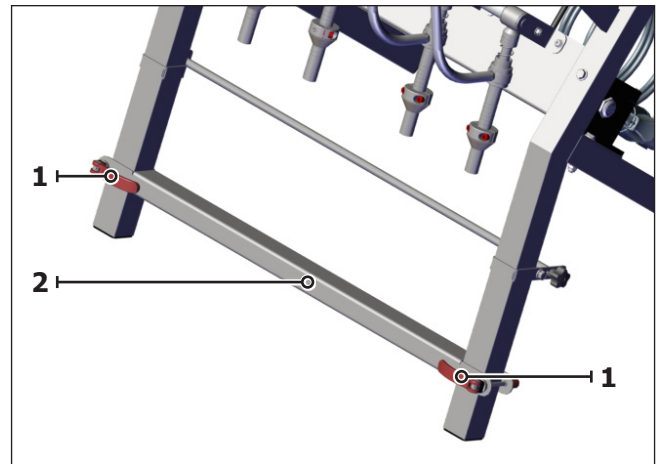
ADJUSTMENT

NOTE

The adjustment points on the filling machine are marked in red in the pictures. Do not adjust other parts of the device.

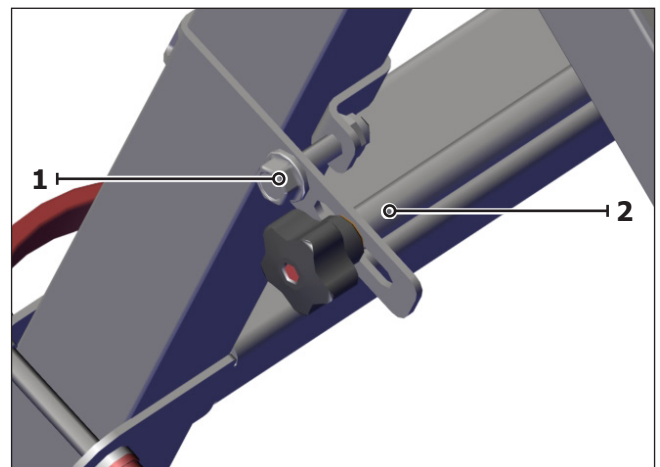
Bottle support height adjustment

- Open the levers [1] and raise or lower the bottle support [2].
- Once the desired height has been reached, close the levers [1].

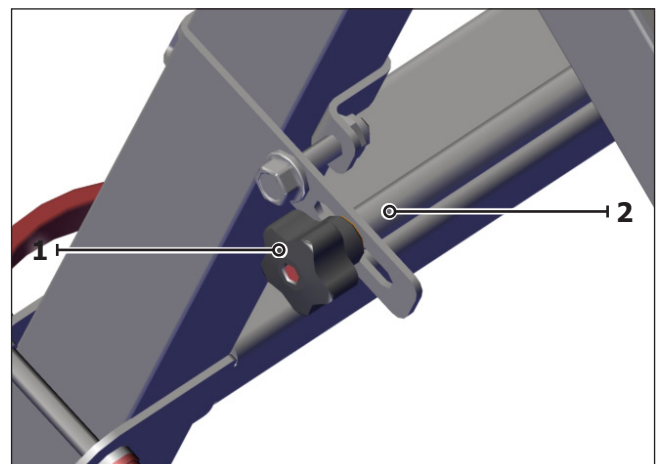


Bottle support position adjustment

- Open the levers [1] and raise or lower the bottle support [2].
- Once the desired height has been reached, close the levers [1].



- To adjust the depth of the bottle holder, loosen the fixing knobs [1] and move the bottle holder [2] closer together or further apart.
- Once the desired position has been reached, tighten the fixing knobs [1].



FLUSHING

Before using the filling machine with the desired product, flush it by using drinkable water at room temperature. The use of a sanitizer is also recommended.

This operation allows any dirt or residues to be removed from pipes, ensuring the good quality of the processed product.

WARNING

Do not use soaps and/or foamy products. Do not use acids.

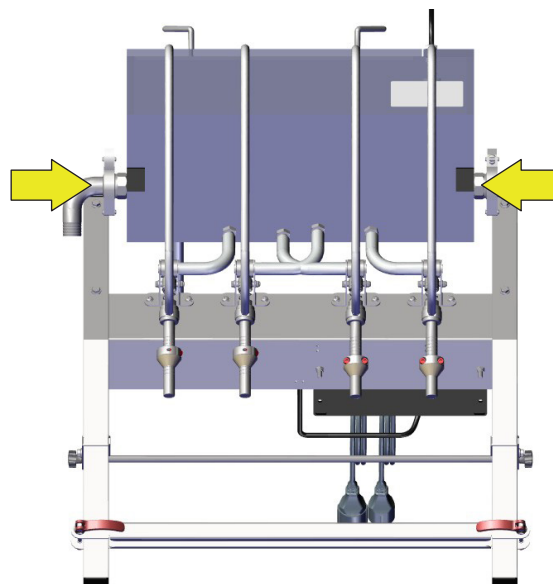
NOTE

Inside the tank there is a float that stops the filling machine operation when the maximum level is reached.

FILLING THE TANK USING A PUMP

To fill the tank, proceed as described below.

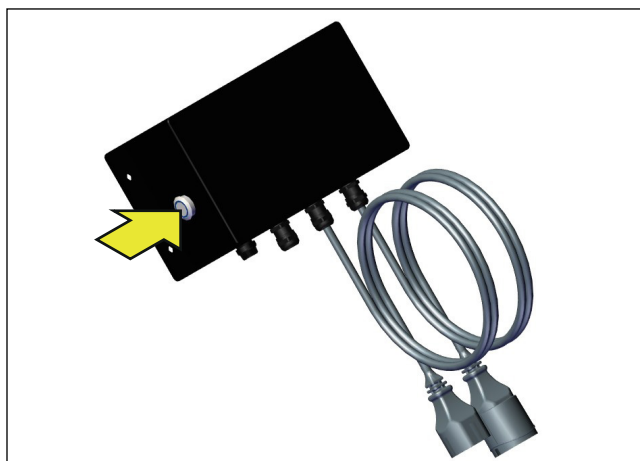
- Connect the pump by means of a hose to one of the liquid inlets; close the other with the cap supplied. Fittings with Ø 19 and Ø 25 hose connectors are supplied.



NOTA

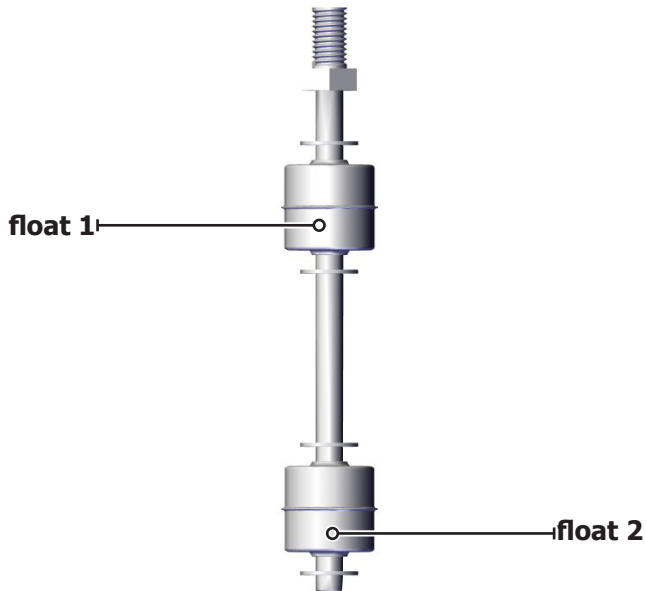
Tubi di collegamento e pompa non sono in dotazione.

- Make the electrical connection (Refer to 'Electrical and pump connection' section).
- Press the power switch, which should light up when pressed.



FILLING OF BOTTLES

- If the liquid level is below the minimum level level of the float switch (float 2), the pump starts until the liquid does not reach the maximum level (float 1).



After carrying out the necessary adjustments and the flushing, it is possible to fill bottles.

- Press the power switch, once pressed, it should light up.
- Wait for the tank to fill.
- Place the empty bottles on the spouts. Once the desired level of liquid has been reached, remove the bottles.

WARNING

Place the bottle carefully to prevent it from being damaged.

NOTE

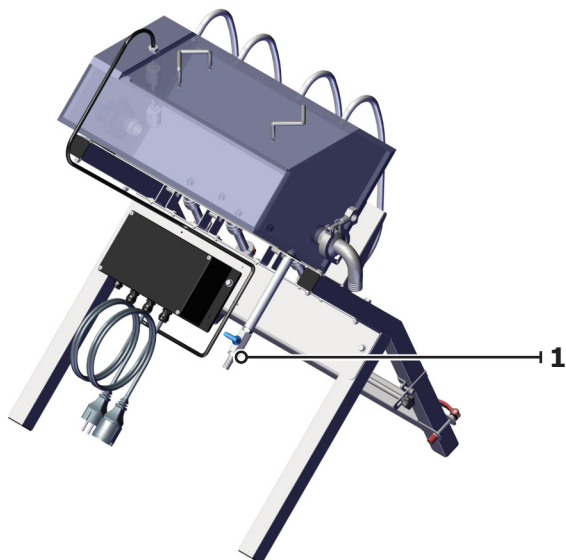
Check each bottle visually to make sure it did not chip accidentally during its filling.

WARNING

At the end of each use, carry out flushing with drinkable water at room temperature (refer to paragraph "Flushing").

TANK EMPTYING

- Switch off the device by pressing the switch, once pressed, the switch light should go out.
- Open the emptying valve [1].



MAINTENANCE

Cleaning

At the end of each use, it is necessary to remove any product residue through flushing with water (see chapter "Flushing") then clean the inside of the tank.

WARNING

Do not use soaps and/or foamy products.

TROUBLESHOOTING

Problem	Possible causes	Proposed solutions
The filling machine does not turn on	No power supply	Make sure the machine is supplied with power
	Incorrect electrical connection	Make sure that the power cable is properly connected
	Fuse in the electrical box may have blown	Check fuse and if blown replace with service centre
The machine is on but the bottle is not filled	Tank empty	Check for liquid in the tank
	The suction pipe is not connected to the demijohn or it is connected to its bottom	Adjust the position of the suction pipe so as to keep it inside the suction tank but at a proper distance from its bottom
	Incorrect height adjustment of the nozzle support	Adjust the height of the nozzle support following the instructions provided in chapter "Adjustment"
Bottles are filled too slowly	Nozzle not properly lifted	Check the nozzle adjustment and, if necessary, adjust their height again (see chapter "Adjustment")
	Tank too empty	Wait a few seconds to give the reservoir time to fill.

SPARE PARTS

At the customer's request they can be provided:

- 16865 Tank cap
- 16979 TRICLAMP 50,5 silicone gasket
- 16980 TRICLAMP 50,5 gasket. + filter
- 16981 TRICLAMP hose holder 50,5 d=19 90°
- 16982 TRICLAMP clamp 50,5
- 17039 tank
- 17059 TRICLAMP 50,5 cap
- 17073 TRICLAMP hose holder 50,5 d=26 90°
- 17081 feeding tube Ø6x12
- 17088 KIT bracket + nozzle (D)

NOTE

For a proper operation of the filling machine, use original spare parts only.

DISPOSAL

If the figure below (the crossed-out mobile waste bin) is on the product, European Directive 2012/19/EU applies. These products cannot be disposed of with normal waste. Find out about current regulations on separate collection of electrical and electronic devices. Do not dispose of old devices with household waste. By properly disposing of old devices, you protect the planet and people's health from possible negative consequences. Recycling materials helps reduce the consumption of raw materials.



DECLARATION OF CONFORMITY



Manufacturer: Industria di Leivi - Via

Gazzo, 1 - 16040 Leivi (GE) - Italy

It is declared that the CE-marked machine complies with the following Directives:

- 2014/30/UE EMC directive
- EN IEC 55014-1/2021 + A1/2010 + A2/2012
- EN IEC 61000-6-2/2019
- EN IEC 61000-6-3/2021 + A1/2013
- 2014/35/UE Low voltage directive
- EN 60335-1:2013 + A11/2023 + A13/2018
- 1935/2004/CE Regulations
- 2023/2006/CE Regulations
- DM 21/03/1973
- CE 10/2011

WARRANTY

The Ultrafiller filling machines manufactured by Industria di Leivi have a 12 month warranty from the purchase date, except in case of different written agreements.

The warranty covers all manufacturing and material defects. Replacement and repair operations are covered only if carried out at the manufacturer workshop. If in-warranty goods need to be repaired, the customer must always send the whole Ultrafiller filling machines to the manufacturer. Single units will not be repaired under warranty.

The material to be repaired must be sent CARRIAGE FREE.

Once the machine has been repaired, it will be sent CARRIAGE FORWARD to the customer.

The warranty covers neither interventions on site by our technicians nor the device disassembly from the installation place.

They are excluded from the warranty:

- failures caused by improper use or assembly;
- failures caused by external agents;
- failures caused by neglect or poor maintenance.

The warranty is void:

- in case of delinquency or other breach of contract;
- if repairs or modifications are made to our equipment without our consent;
- should the damage be caused by misuse, as well as by mishandling such as knocks, falls, and other causes not attributable to normal operating conditions;
- should the device be found to have been disassembled, tampered with, or repaired by unauthorized personnel;
- should the equipment be used for purposes other than those specified in this manual.

Repairs made under warranty do not interrupt the duration of the warranty.

We thank you in advance for your attention to this handbook and invite you to let us know of any suggestions you feel are necessary to make it more complete.



NOTE