



# Operating Manual Security Guidelines

## Pressure-free Safety Washing Container with Fire Protection Lid

Typical for  
round and cube-shaped container models



Risk- and safety rating according to  
RL 2001 / 95 / EG and PrSG 930.11  
as well as other standards and guidelines

Manufacturer



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through

DOCUMENT ENGINEERING



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## Greetings

You have chosen the original. Thank you for choosing the quality product, which we entirely manufacture and distribute in our factory in Switzerland. Many years of experience, careful workmanship and expert safety assessment are the guarantee for flawless and safe functioning.

### 1. Preface

Please read this manual carefully and pay attention to the safety instructions. In case anything is unclear, or if there is missing information, please contact us immediately.

With the commissioning of the container, you confirm that you have read and understood this manual and thus assume the responsibility for its operation.

### 2. Hazard Assessment

The container and its functioning were subjected to a conformity assessment procedure, in accordance with EU Directive 2001 / 95 / EC as well as EN ISO 12100 under extended observance of the Swiss Federal Law on Product Safety PrSG 930.11.

The hazards were assessed in accordance with the recommendations of the Performance Level Method EN 14121.

According to the result of the hazard analysis, the container is permitted for unattended operation with defined safety measures.

### 3. Limited Liability

The manufacturer is exempt from all liability and guarantee, provided that chemical, toxic, biological, explosive or thermal reactions or technological tests take place within the container, which are in conflict with the intended use, and lead to damage or destruction of the container and its components, as well as personal injury or environmental damage.

### 4. Intended Use

The container is intended for the cleaning of metal parts by flammable organic solvents.

The container is not approved for use in potentially explosive environments.

Any other use is considered as unintended.

Conditions for safe operation of the container are proper handling, intended use, safe installation and maintenance of the working components within the container.

The operator is obliged to ensure that persons working with and on the container use it only when in perfect condition and in compliance with the instructions.

### 5. Operating Personnel

The operating- and cleaning personnel must be certified to work with and on the container. The personnel should be familiar with, and must have read and understood the safety conditions issued and be able to clearly understand the language.



## 6. Scope of Delivery


The scope of delivery consists of the safety container with mounted lid, the ordered number of fuses, the desk mount and the operating instructions with the CE Declaration of Conformity.

Available as a consumable: Original Rimann fuse, lid sealing



## 7. Operational Manual and Safety Instructions


### General Information

The company's own Accident Prevention- and Environmental Protection Regulations, as well as the directives and regulations of the SUVA (carrier of obligatory accident insurance in Switzerland) apply when handling flammable liquids No. 1825

<p>The washing process without clamped in place original fuse is prohibited. The fuses must not be bridged!</p>	
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The personal protective equipment has to be applied, without demur, during all processes.

Respiratory Protection	Hand Protection	Eyes / Face Protection	The illustrated symbols or safety instructions are to be displayed visibly in the operating environment.
			

<p>The safety information attached to the front of the container must not be removed and, if damaged, it must be replaced.</p>	
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### Preparation for Commissioning (Checklist)

- This manual has been read
- The room in which the washing takes place is suitable for this purpose. (*Ventilation*)
- The personnel does not have long, open hair and clothing with loose straps.
- The container stands on a non-combustible surface
- The table-mounted holding frame is firmly connected to the table and the container is inserted therein. (*See The "Maintenance Operations" Section*)
- The container is clean and has been inspected for integrity and leakage.
- The lid can be opened and closed, it is undamaged. (*Bent lids must not be used*)
- The lid gasket is inserted and undamaged (*It is not permissible to use a damaged gasket*)
- The grounding is established (*The ground connection is provided on the container*)
- The solvent is provided and the corresponding safety data sheets are available. (*They contain information in case there is a hazard*).
- The original copper fuse is clamped in place (*About the fuse, please see the "Maintenance" section*). It is suitable for all types of flammable medium.
- Environmental protection measures have been taken for the case of solvent leakage.
- There are no unauthorised persons and no sources of ignition in the immediate vicinity of the work area. (*Determine the security area*).
- Fire extinguisher is provided (*Clarify this with the local or company-based fire brigade*). The escape route is defined and not blocked



### **Commissioning (chronological checklist)**

- Check whether: The container is provided, fixed and grounded and the fuse is clamped in place.
- The solvent is poured cold into the container. There are solvent vapors. Use only the amount needed for cleaning. The container must not be overfilled. Not more than 4 cm from the upper edge of the container.
- We assume that the material to be washed is placed in an available basket. The basket with the material to be washed will be submerged in the solvent (*Alternatively, it can be fed directly, without a basket*)
- The edge of the container and the lid seal are clean
- The lid is open throughout the entire washing procedure. (*When the lid is closed, explosive vapors develop*)
- The material to be washed is moved around in the solvent.
- Check the progress of the cleaning, possibly by collecting samples.
- For the rest, please see Completing the Work or Interrupting the Work.

### **Completing the Work**

- Finish the washing process and remove the (*basket*) with the washed material, and put it on a suitable surface to allow the fumes to evaporate. (*See available accessories*)
- Hold the container with both hands up to the upper edge and discard the used solvent. (*See available accessories*).
- Clean the container, the lid and the seal.
- Close the lid and store the container at the designated place
- We recommend to affix a label with the text: "Empty and Cleaned"

### **Interrupting the Work**

- The container is connected to the table
- The material to be washed and the solvent are in the container
- Close the lid
- Mark the container in a suitable manner to indicate that the container is not empty
- Upon resuming the work, open the lid and let the vapors escape
- Proceed further the same way as described under Commissioning.

### **In the event of fire**

- In case there are flames, the original copper fuse melts and the spring-loaded lid snaps shut. The flame will be extinguished.
- In some cases, the sudden movement of the lid can lead to trapping of the fingers. You will be frightened!
- Pull back your hand. The container will remain in place, since it is fastened to the table. After that, the lid will close completely.

### **After a fire**

- Wait until the smoke has cleared and the container has cooled to room temperature.
- Discuss with your supervisor the cause of the fire and eliminate that, before you start working on it again.
- Open the lid and let the remaining vapor escape.
- Approximately 1/2 kg of force is necessary for opening the lid. If more force is required, this may indicate that the gasket is stuck.
- You can either continue the washing process in progress, according to the checklists, or start a new one.



## 8. Maintenance and Cleaning, Installation

This container does not require maintenance.

Occasionally, check the smooth operation of the lid mechanism and the condition of the lid and the lid gasket.

Check that the lid clamp nut is tight and tighten it, if necessary.

For exterior and interior cleaning, use common cleaning agents that are suitable for stainless steel and powder-coated surfaces. The lid seal is insensitive to these detergents.

### Installing the Container

Screw the table mount onto a table with a fireproof base

Insert the guide on the container into the slots of the table mount

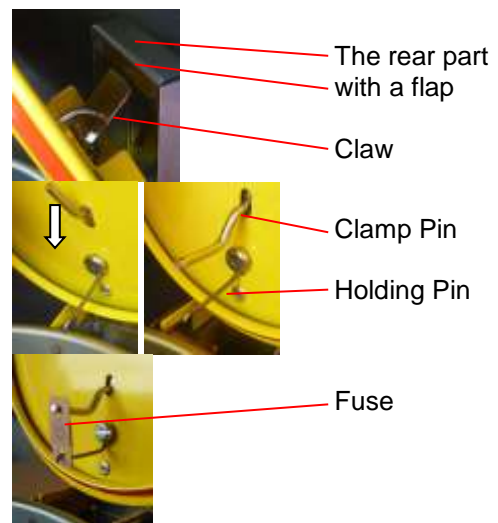


### Installation of the Original Fuse

Lift the lid and push it against the back, so that the claw comes behind the flap

Hold the lid in this position and push the clamp pin downwards. As a result, the lid with the rear part is loaded

Clamp the fuse between the terminal pin and the retaining pin by lifting the lower retaining pin slightly



## 9. Customer Service

For inquiry or ordering of consumables, as well as information on accessories and secondary equipment, please contact our customer service

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