INSTRUCTIONS 
FOR USE

Washer disinfector
Getinge 8666/8668

Mfg. no. SEV0320078-
5011450-00
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Safety regulations

This machine is designed with a number of built-in safety devices. To avoid injury, it is very important that these safety devices are not bypassed and thus disabled.

The equipment must be used in accordance with the safety instructions below.
If in doubt, contact a representative of the reseller without delay.

Important

- Read the instructions thoroughly before use
- The equipment must only be used by personnel who know about it and are trained to use it. Personnel must also receive regular training on this equipment.
- take care when handling the chemical agent used in the machine. Read the details on the container or contact the manufacturer:
  - if agent comes into contact with the operator’s eyes or skin or if the vapours are breathed in, etc.
  - about storing the agent and disposing of empty containers.
- Take care, because the machine uses hot water and possibly steam.
- Installation and service work must be done by personnel trained for this machine.
- Never bypass the door switch of the machine.
- Leakage in the system, due to a worn door seal for example, must be repaired without delay.
- The electric power is cut off before the machine cabinet is opened. (The machine cabinet contains electrical components).
- Make sure that there is always detergent in the bottles. This is important both for the operation of the machine and for keeping the washing chamber free from discolorations.
- The machine must be kept clean if it is to work properly.
- Do not wash down or hose down the machine with water.

Product liability

- Modifications to the equipment made without the approval of the manufacturer, or incorrect use, invalidate the manufacturer’s product liability.
Symbols on the machine

⚠️ Warning, see instructions for use.
⚠️ Warning, hot surface.

Attention symbols

Some of the warnings, instructions and advice in this manual are so important that we used the following special symbols to draw attention to them. The symbols used are as follows:

⚠️ This symbol indicates a warning in the text of the manual. The nature of what the warning relates to is such that it may result in more or less severe injury and in certain cases mortal danger.

It also highlights warnings to avoid damage to equipment.
General

The machine is a fully-automatic washer disinfector for cleaning and disinfecting goods in hospitals, laboratories and the pharmaceutical industry.

The machine has two washing vanes and two dockings and can be equipped with several different accessories for different cleaning requirements. These accessories are presented in a special accessories catalogue.

There are several possible ways of installing and equipping the machine depending on its field of application:

- Heating by electricity or steam.
- Connection of distilled or de-ionised water.
- Electrically-heated booster tank for the water for the final rinse.
- Single or double door.
- Extra dosing pumps which allow chemical disinfection of heat-sensitive goods.
- Infeeder/outfeeder
- Automatic program selection (basket indication)
- Audible signal on process complete, fault code, etc.

The Decomat 8666 has been tested and approved in accordance with SPRI and BGA recommendations.
Programmer

The machine has an electronic controller which can hold up to 10-15 programs. Six of these programs can be chosen with the program selection buttons. To choose other programs, press \( p \). The display now shows SELECT CYCLE. Press \( p \) again and choose a program with \( H \) and \( J \).

The machine comes with a number of standard programs in the programmer (see the separate program sheet). Contact the manufacturer for customised programs.

\[\boxed{\text{Programming may only be done by authorised personne}}\]

Door function

The Decomat A 8666 can be fitted with a single door or double doors. All doors are of the vertical sliding type.

The doors can be motorised for automatic opening and closing. The doors have efficient anti-crush protection.

Machines with double doors have a system of interlocks to ensure that only one door can be opened at a time. This means that the clean-side door must be closed and locked by pressing the \( W \) button before the soiled-side door can be opened.

When \( V \) is pressed, the door is locked and a yellow lamp flashes (process running) for about 10 seconds. If \( V \) is pressed again during this "cancel time", the soiled-side door is unlocked and the door can be opened manually or alternatively it opens automatically.

In standby mode the door can be opened and closed by pressing \( U \) 5 sec.
**Manually-operated door**

When the door is closed manually and V is pressed, the door is clocked automatically, the yellow lamp flashes and the program starts.

When the program is complete, a green lamp lights up on both sides (if there are double doors) and the clean-side door is unlocked. When the door has been opened manually, the green lamp goes out. With double doors, the clean-side door must be closed and locked by pressing the W button before the soiled-side door can be unlocked.

**Automatically-operated door**

When V is pressed, the door is locked, the yellow lamp flashes and the program starts. When the program is complete, a green lamp lights up on both sides (if there are double doors) and the clean-side door opens automatically. When the door is fully open the green lamp goes out on both sides. With double doors, the clean-side door must be closed and locked by pressing the W button before the soiled-side door opens automatically.

**Dosing system**

In standard form, the machine has two different dosing systems. One is for alkaline detergent and one is for rinse-aid or acid detergent. The dosing amount can be set individually for each program.

The machine cannot be started until detergent has been dispensed. If the detergent holder is empty "ADD DETERGENT" appears on the display.

A third and a fourth dosing system for heat-sensitive goods or instrument milk, for example, can be installed.
Operating instructions

- Load the goods to be washed on to the trolley and run the trolley into the machine. Example showing how to load the trolley are shown on the goods positioning plate.
- Make sure that the washer arms can rotate freely without touching the goods. Close the door.
- Choose a program in one of the following ways:
  - by pressing one of the program selection buttons (P1-P6)
  - by pressing ( ). The display now shows SELECT CYCLE. Press ( ) again and choose a program with ( ) and ( ).

You can see the machine programs on the separate program sheet.
- Press ( ). While the program is running, a yellow lamp at ( ) is lit and the program phase (eg “Rinsing”) is shown on the display. Press ( ) to see the current temperature and press ( ) again for the remaining time.
- When the program is complete, a green lamp lights up at N and the door is unlocked (with double doors, the clean-side door).

If the goods have not cooled down after a process, be sure to handle them with care, to avoid burns.

- Empty the machine (and if the machine has double doors, close the clean-side door).
  - For a machine with automatic door: Press ( ) to close and lock the clean-side door.
  - For a machine with manual door: First close the door, then press ( ) to lock the clean-side door.
- If the same program is to be used again, there is no need to select the program again. Simply press ( ) once.
- When ( ) is pressed, a yellow lamp flashes for 10 seconds. During this time, the program can be aborted by pressing ( ) gen.

Note: The display switches to rest mode after 30 minutes and returns automatically when a program is started or selected.
Fault indications

A red lamp lights up
If the red lamp at ▲ lights up, the process has stopped because of a process fault. Call service personnel.

Handling alarm

Add detergent 1

Operation message appear on the display in plain text. The machine cannot be started until the fault has been put right.

| Add detergent 1 | Empty container alarm 3. If detergent 3 is finished, an operation code is generated. The alarm is reset automatically when detergent is added. |
| Add detergent 2 | Empty container alarm 3. If detergent 3 is finished, an operation code is generated. The alarm is reset automatically when detergent is added. |
| Add detergent 3 | Empty container alarm 3. If detergent 3 is finished, an operation code is generated. The alarm is reset automatically when detergent is added. (Option) |
| Add detergent 4 | Empty container alarm 3. If detergent 3 is finished, an operation code is generated. The alarm is reset automatically when detergent is added. (Option) |

Note: When the operation message “Add detergent 1-4” appears, there is always enough detergent for one run.
Fault codes indicate that a serious fault has occurred in the washing process. The fault must be put right by an authorised service technician.

The following fault codes may occur:

<table>
<thead>
<tr>
<th>Fault code</th>
<th>Description of fault</th>
</tr>
</thead>
<tbody>
<tr>
<td>F00</td>
<td>Power failure</td>
</tr>
<tr>
<td>F01</td>
<td>Motor cutout has tripped.</td>
</tr>
<tr>
<td>F02</td>
<td>Water filling takes more than 10 minutes.</td>
</tr>
<tr>
<td>F03</td>
<td>Draining takes longer than 5 minutes or there is water remaining in the washing chamber at the end of the draining phase.</td>
</tr>
<tr>
<td>F04</td>
<td>Water leakage in the drying unit.</td>
</tr>
<tr>
<td>F05</td>
<td>Soiled-side door does not lock within 10 seconds of program start or the door is opened while a program is running.</td>
</tr>
<tr>
<td>F06</td>
<td>Soiled-side door does not unlock within 10 seconds of the end of program.</td>
</tr>
<tr>
<td>F07</td>
<td>Soiled-side door does not close within 20 seconds of program start or the door is opened while a program is running.</td>
</tr>
<tr>
<td>F08</td>
<td>Soiled-side door does not open within 20 seconds of the end of a program.</td>
</tr>
<tr>
<td>F09</td>
<td>Soiled-side door does not lock within 10 seconds of program start or the door is opened while a program is running.</td>
</tr>
<tr>
<td>F10</td>
<td>Soiled-side door does not unlock within 10 seconds of the end of a program.</td>
</tr>
<tr>
<td>F11</td>
<td>Soiled-side door does not close within 20 seconds of program start or the door is opened while a program is running.</td>
</tr>
<tr>
<td>F12</td>
<td>Soiled-side door does not open within 20 seconds of the end of a program.</td>
</tr>
<tr>
<td>F15</td>
<td>Not enough detergent 1 dosed.</td>
</tr>
<tr>
<td>F16</td>
<td>Not enough detergent 2 dosed.</td>
</tr>
<tr>
<td>F19</td>
<td>Not enough detergent 3 dosed.</td>
</tr>
<tr>
<td>F20</td>
<td>Not enough detergent 4 dosed.</td>
</tr>
<tr>
<td>F21</td>
<td>Slow filling of booster tank.</td>
</tr>
</tbody>
</table>
Fault code | Description of fault
---|---
F23 | High conductivity.
F24 | Low pressure in drying unit.
F25 | High pressure in drying unit.
F26 | Low pressure from circulation pump.
F27 | High pressure from circulation pump.
F28 | Low temperature in drying unit.
F29 | Incorrect temperature in booster tank.
F30 | Incorrect temperature in washing chamber.
F31 | Incorrect temperature in washing chamber.
F32 | Incorrect temperature in drying unit.
F33 | Incorrect temperature in washing chamber.
F34 | Incorrect temperature in washing chamber.
F35 | Incorrect temperature in booster tank.

**Acknowledgement of fault code**

Acknowledge the fault code by:

- pressing U. The alarm signal stops. The machine is still locked but the current process has been aborted.
- correct the fault or open the door to gain access to the goods. Pressing V drains liquid from machine and the soiled side door goes down.

**NOTE:**

The goods in the machine are not clean. Start a new process.
**Inspection**

- Check that there are no objects in the bottom of the washing chamber.
- Check that the washing arms can rotate freely. Check that the holes in the washing arms are not blocked.
  - If the arms need cleaning, remove them by unscrewing the central nut. Check that the arms can rotate freely when re-installed.
- Remove and clean the strainer in the bottom of the washing chamber.
- Open the detergent door and check that there is detergent/rinse-aid in the containers.
- Check that the trolley docks properly with the water connections.

**If necessary**

**Washing chamber**

Keep the washing chamber free of limescale deposits. Remove any remaining deposits as follows:

- Open the door and does 200 ml Lime-Away descaler (sold by Henkel) or NEODISHER BU (sold by Dr. Weigert) into the wash chamber.
- Close the door and run the descaling program.

*NOTE: Do not have any goods in the machine with this program. It is only for descaling the machine and insert.*

**The outside**

The front and side walls can be cleaned and disinfected with an alcohol-based cleaning agent, medical spirit or an ordinary cleaner. The control panel is cleaned in the same way.

Remove stains with an ordinary stainless steel cleaner.
Printing out a program

An example of a program printout is shown below. In the example the program P02 OP-D, programmed on program selection button \[ P2 \] is used.

**PROGRAM:** P2 OP-D
**DATE:** 13/04/2004
**PROCESS START:** 13:44:46
**MACHINE NAME:** S-8666
**MACHINE NO:** 1
**CYCLE COUNTER:** 1

**PARAMETER**
- WASH DOS TEMP: 35.0C
- WASH DOS 1: 00:01:00
- WASH TEMP: 60.0C
- WASH TIME: 00:03:00
- FINAL R DOS TEMP: 80.0C
- FINAL R DOS 3: 00:00:21
- DISINF TEMP: 90.0C
- DRYING TEMP: 0.0C
- DRYING TIME: 00:18:00

**SIGNALS**
- A107 TEMP INDEP. CHAMB
- PH1-START 00:00:00 30.8
- PH2-DRAINING 10 s 00:00:00 31.2
- PH220-PRE RINSE CW 00:00:10 31.0
- PH20-DRAINING 40 s 00:02:42 16.2
- PH25-WASHING 00:03:51 18.1
- DOS START 00:06:53 39.9
- DOS STOP
- PH330-RINSE 1 00:15:29 61.5
- PH20-DRAINING 40 s 00:17:39 55.1
- PH360-RINSE 2 00:18:46 55.5
- PH20-DRAINING 40 s 00:20:55 53.2
- PH440-FINAL RINSE 00:22:03 53.5
- PH20-DRAINING 40 s 00:28:15 81.5
- DOS STOP 00:30:26 90.0
- PH450-DISINFECTION 00:30:27 90.1
- PH20-DRAINING 40 s 00:31:28 92.3
- PH900-DRYING 00:32:36 91.7
- PH1000-ENDING 00:52:43 81.1

**SIGNATURE:** ........
Program groups are described below. See the attached program sheet for more information about programs for this machine.

**Hospital A₀ 600 (90 °C - 1 min)**

This program sheet applies to 5011294-13, -14.

<table>
<thead>
<tr>
<th>Programs</th>
<th>Program selection button/ Program number</th>
<th>Type of goods</th>
</tr>
</thead>
<tbody>
<tr>
<td>INST./POLY</td>
<td>P1</td>
<td>Instruments, circulation goods</td>
</tr>
<tr>
<td>INST./POLY (ENZ)</td>
<td>P2</td>
<td>Instruments, circulation goods</td>
</tr>
<tr>
<td>AN/MIS</td>
<td>P3</td>
<td>Anaesthesia tubing, mic-instruments</td>
</tr>
<tr>
<td>-</td>
<td>P4</td>
<td>-</td>
</tr>
<tr>
<td>-</td>
<td>P5</td>
<td>-</td>
</tr>
<tr>
<td>-</td>
<td>P6</td>
<td>-</td>
</tr>
<tr>
<td>DRYING</td>
<td>P10 *</td>
<td>Drying.</td>
</tr>
<tr>
<td>DESCALING</td>
<td>P11 *</td>
<td>Descaling of chamber, inserts washer arms and washer vanes. Dose 200 ml Lime-Away descaler (sold by Henkel) or NEO-DISHER BU (sold by Dr. Weigert) into the wash chamber. NOTE: Do not have any goods in the machine with this program. It is only for descaling the machine.</td>
</tr>
</tbody>
</table>

* For choosing this program, see page 8.

**LAB**

This program sheet applies to 5011294-18.

<table>
<thead>
<tr>
<th>Programs</th>
<th>Program selection button/ Program number</th>
<th>Type of goods</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAB-SHORT-D</td>
<td>P1</td>
<td>Slightly dirty labgoods</td>
</tr>
<tr>
<td>LAB-D</td>
<td>P2</td>
<td>Labgoods</td>
</tr>
<tr>
<td>TEST TUBES-D</td>
<td>P3</td>
<td>Test tubes</td>
</tr>
<tr>
<td>LONG-LAB-D</td>
<td>P4</td>
<td>Very dirty labgoods</td>
</tr>
<tr>
<td>PIPETTES</td>
<td>P5</td>
<td>Pipettes</td>
</tr>
<tr>
<td>-</td>
<td>P6</td>
<td>-</td>
</tr>
<tr>
<td>LAB-SHORT</td>
<td>P7 *</td>
<td>Slightly dirty labgoods. Without drying.</td>
</tr>
<tr>
<td>LAB</td>
<td>P8 *</td>
<td>Labgoods. Without drying.</td>
</tr>
<tr>
<td>TEST TUBES</td>
<td>P9 *</td>
<td>Test tubes. Without drying.</td>
</tr>
<tr>
<td>DRYING</td>
<td>P10 *</td>
<td>Drying.</td>
</tr>
<tr>
<td>DESCALING</td>
<td>P11 *</td>
<td>Descaling of chamber, inserts washer arms and washer vanes. Dose 200 ml Lime-Away descaler (sold by Henkel) or NEO-DISHER BU (sold by Dr. Weigert) into the wash chamber. NOTE: Do not have any goods in the machine with this program. It is only for descaling the machine.</td>
</tr>
</tbody>
</table>

* For choosing this program, see page 8.
**Hospital USA A₀ 600 (90 °C - 1 min)**

This program sheet applies to 5011294-17.

<table>
<thead>
<tr>
<th>Programs</th>
<th>Program selection button/ Program number</th>
<th>Type of goods</th>
</tr>
</thead>
<tbody>
<tr>
<td>INSTRM-LONG</td>
<td>P1</td>
<td>Very dirty instruments</td>
</tr>
<tr>
<td>INSTRM-SHORT</td>
<td>P2</td>
<td>Circulation goods, slightly dirty instruments. Containers.</td>
</tr>
<tr>
<td>UTENSILS</td>
<td>P3</td>
<td>Circulation goods</td>
</tr>
<tr>
<td>ORTHOPEDIC</td>
<td>P4</td>
<td>Orthopedic instruments</td>
</tr>
<tr>
<td>MIS INSTRM</td>
<td>P5</td>
<td>Mis instruments</td>
</tr>
<tr>
<td>ANESTESIA</td>
<td>P6</td>
<td>Anaesthesia tubing</td>
</tr>
<tr>
<td>CASSETTES</td>
<td>P7 *</td>
<td>Cassettes</td>
</tr>
<tr>
<td>LAB-SHORT-D</td>
<td>P8 *</td>
<td>Slightly dirty labgoods</td>
</tr>
<tr>
<td>LAB-D</td>
<td>P9 *</td>
<td>Labgoods</td>
</tr>
<tr>
<td>TEST TUBES-D</td>
<td>P10 *</td>
<td>Test tubes</td>
</tr>
<tr>
<td>DESCALING</td>
<td>P11 *</td>
<td>Descaling of chamber, inserts washer arms and washer vanes. Dose 200 ml Lime-Away descaler (sold by Henkel) or NEODISHER BU (sold by Dr. Weigert) into the wash chamber. NOTE: Do not have any goods in the machine with this program. It is only for descaling the machine.</td>
</tr>
</tbody>
</table>

* For choosing this program, see page 8.

**NOTE:** To choose the recommended agent, see under Detergent in the user instructions.
Washer disinfecter Instructions for use

Detergent

The machine has been tested with Getinge detergent. We recommend that you use Getinge detergent or detergent from a reputable manufacturer.

Getinge detergent for mechanical washing of:

A - Surgical instruments
B - MIS-instruments
C - Anesthesia equipment
D - OP-shoes
E - Containers
F - Baby-bottles
G - Lab glassware

<table>
<thead>
<tr>
<th>Products</th>
<th>Alkalinity</th>
<th>Surfactants</th>
<th>Phosphates</th>
<th>Enzymes</th>
<th>Suitable for optics and anodized Alu.</th>
<th>Goods to be washed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Getinge Wash Normal</td>
<td>Amines</td>
<td>+</td>
<td>-</td>
<td>+</td>
<td>+</td>
<td>A, B, C, D, E</td>
</tr>
<tr>
<td>Getinge Wash Extra</td>
<td>Alkaline salts</td>
<td>-</td>
<td>+</td>
<td>-</td>
<td>(+)</td>
<td>A, C, D, (E), F</td>
</tr>
<tr>
<td>Getinge Wash Intensive</td>
<td>Caustic soda</td>
<td>+</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>A, C, D, F</td>
</tr>
<tr>
<td>Getinge Wash Enzyme</td>
<td>-</td>
<td>+</td>
<td>-</td>
<td>+</td>
<td>+</td>
<td>A, B, C, D, E</td>
</tr>
<tr>
<td>Getinge Wash LAB</td>
<td>Caustic soda</td>
<td>-</td>
<td>-</td>
<td>+</td>
<td>-</td>
<td>G</td>
</tr>
</tbody>
</table>

Acidic detergents and neutralizing agents

<table>
<thead>
<tr>
<th>Products</th>
<th>Acids</th>
<th>Effects</th>
<th>Prewash for lab glassware</th>
<th>Dosage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Getinge Neutralization P</td>
<td>Phosphoric acid, citric acid</td>
<td>Neutralization of alkaline residues, removal of mineral residues, e.g. rust and lime</td>
<td>Removal of mineral residues</td>
<td>First rinse after the alkaline wash for neutralization or prewash</td>
</tr>
<tr>
<td>Getinge Neutralization</td>
<td>Citric acids</td>
<td>Neutralization of alkaline residues</td>
<td></td>
<td>First rinse after the alkaline wash</td>
</tr>
</tbody>
</table>

Lubricants and rinse aids

<table>
<thead>
<tr>
<th>Products</th>
<th>Ingredients</th>
<th>Effects</th>
<th>Dosage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Getinge Instrumentmilk</td>
<td>Paraffin perliquidum emulsifying agents</td>
<td>Lubrication of instruments</td>
<td>Final rinse</td>
</tr>
<tr>
<td>Getinge Rinse</td>
<td>Surfactants</td>
<td>Reduction of surface tension of water, improved drying</td>
<td>Final rinse</td>
</tr>
</tbody>
</table>

Flusher detergents

<table>
<thead>
<tr>
<th>Products</th>
<th>Alkali</th>
<th>Dispersion agents</th>
<th>Complexing agents</th>
<th>Surfactants</th>
<th>Dosage</th>
</tr>
</thead>
<tbody>
<tr>
<td>GD Wash</td>
<td>+</td>
<td>-</td>
<td>++</td>
<td>+</td>
<td></td>
</tr>
<tr>
<td>GD Flush</td>
<td>-</td>
<td>++</td>
<td>+</td>
<td>-</td>
<td></td>
</tr>
</tbody>
</table>

Getinge detergents can be ordered from Getinge resellers.