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FILLING DEVICE REF. 211150

Please read this manual carefully before operating the device!

The machine may only be used by persons who are aware of the hazards associated with working with pneumatic equipment.

Only use oil-free, dry, and 5 μ filtered compressed air at 8 bar to operate the device.

Further recommended compressor specifications: 210 L intake capacity, 25 L tank volume

Air connections: G1/4" plug or G1/8" socket

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User Manual

Please read this information carefully before first use.

The device enables you to fill paint into spray cans that have been prefilled with propellant and thinner, by adding 100 ml of undiluted paint. The use of other liquids than paint is not recommended.

Prosol Spraytechnik GmbH is not responsible for any damage caused by misuse, use for purposes other than those described, or improper handling.

Technical Specifications: Nominal air pressure: 8 bar

Compressor specifications:

The device must be placed upright on a leveled and stable surface. It should be operated in a dry environment with a temperature between 10°C and 30°C, indoors, and with adequate ventilation. Connect a pneumatic hose rated for at least 8 bar to the appropriate fitting and attach it to the nipple on the left side. The air pressure is displayed on gauge on the front of the machine.

Note: The door must be closed when the machine is connected to the pneumatic line. Test the function by opening the door. The piston should move upward when the door is opened and downward when it is closed.

Prepare a flat, stable surface next to the machine to prepare the aerosols for filling and to fill the filling cylinder.

Before using the device, make sure that the door hinges operate smoothly without visible obstruction and that there is no air leakage at the air connection (noticeable by a hissing sound). The pressure gauge must display an air pressure of 8 bar.

Filling Instructions:

Preparing the Spray Can:

Remove the cap and the spray nozzle. Firmly attach the filling cylinder to the aerosol can with a twisting motion.



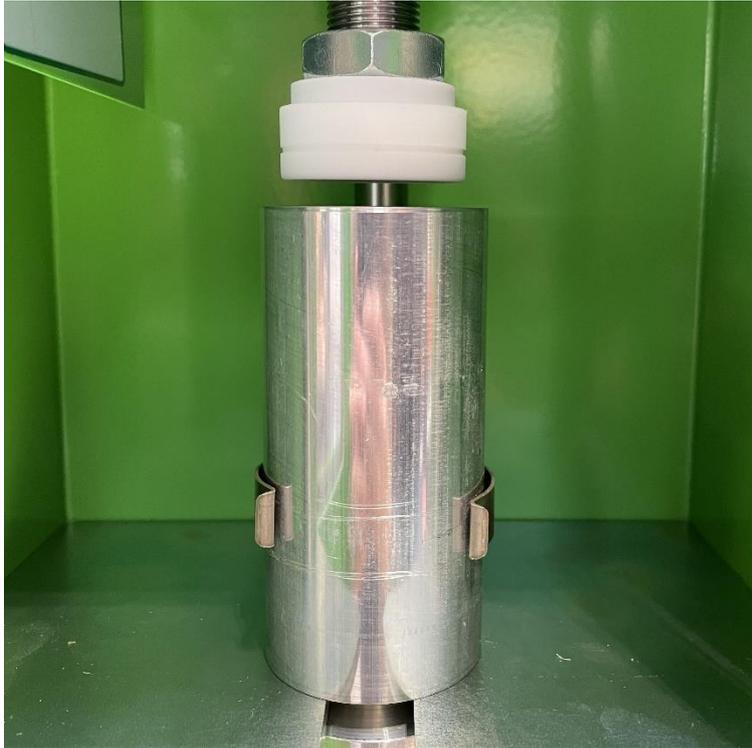


Carefully pour 100 ml of paint into the filling cylinder, just below the indicated mark.

Open the door of the filling device: the piston will move upward.



This image shows how to correctly insert the spray can with the filling cylinder into the filling device.



Push the can with the filling cylinder into the device until the side clamps engage, positioning the filling cylinder directly beneath the piston.

There should be as little space as possible underneath the aerosol can (see image below).

If the included spacer fits under the aerosol, slide it into place. If there is not enough space, leave it out.

Close the door. The piston will automatically move downward and press the paint into the spray can. During the process, a pneumatic sound can be heard, which stops once all the paint has been pushed into the can.

Open the door. The piston will automatically move upward, and you can remove the spray can together with the filling cylinder. Detach the filling cylinder from the spray can and gently wipe off any paint residue from the valve.

Carefully place the spray nozzle onto the can with a twisting motion. We recommend briefly turning the can upside down and spraying for a short moment. This upside-down spray clears any paint residue from the dip tube that could clog the valve.



We also recommend using our spray-out tool, which can be screwed onto an empty canister and captures the resulting spray mist.

This tool should be used immediately after filling, before attaching the spray nozzle.



After completing the desired filling operations, carefully remove any remaining paint residue from the piston and the filling cylinder (e.g., using a solvent-soaked cleaning cloth).

Maintenance

Maintenance should only be carried out by qualified personnel.

Important note: Disconnect the air supply before beginning any maintenance work. The need for regular maintenance depends on operating conditions and frequency of use. For proper maintenance, please observe the following:

The hinges can be lubricated with Teflon spray or any standard grease. Avoid silicone-based lubricants, as they may cause silicone craters in the paint.

Depending on the humidity of the compressed air, the filter unit may collect condensation in the filter container. If the water level becomes too high, the machine will no longer operate accurately. In this case, the container must be emptied.

To access the filter unit, the front panel of the device must be unscrewed (2 screws on each side).

The filter can be emptied by pressing the pin at the bottom of the glass container.

The piston is subject to wear and must be replaced if paint residue becomes visible on the sides of the piston after the filling process. This is a sign of abrasion.

When replacing the piston, the distance between the bottom of the piston (in its lowest position) and the top of the aluminum filling plate must be exactly **7 mm**.

If the distance is greater than 7 mm, the filling cylinder will not be completely emptied. If the distance is too small, the machine will be overloaded.

We wish you much success and satisfaction working with our filling device and prefilled spray cans.