



DRIVING SURFACE PERFECTION™

CUSTOM CAN PNEUMATIC AEROSOL FILLING MACHINE FAQS

1	Do I need to securely fix the Custom Can pneumatic filling machine to the desk?	<p>Yes the machine is top heavy, so for safe filling you should first bolt the machine to the desk.</p> <p>2 x 8.8mm bolts are provided to secure the machine to the desk.</p> <p>If you require further installation support please contact your local U-POL representative.</p>
2	How do I know how much paint to fill into the cup?	<p>There is a 100ml fill line scribed on the outside of the cylinder.</p> <p>Alternatively you can fill by weight if you know the s.g. of the paint (see manufacturer's literature or formulation software).</p> <p>We found that approx. 4mm below the bevelled edge was the right level.</p>
3	How do I find out the s.g. of my paint?	<p>The s.g. (specific gravity) is the density of the product.</p> <p>The paint provider should be able to tell you the s.g. of the product they supply. This will vary by colour, so if you use a mixing scheme you should be able to find the s.g. on the software.</p>
4	How do I calculate the mass of 100ml of my paint?	<p>First find the s.g. (see Q2). Next multiply this by 100, so if the s.g. is 0.971, the mass you need is 97.1g</p>
5	Why doesn't the piston move when I push the play button?	<p>Check the air connection has at least 5 bar pressure on the pressure gauge.</p> <p>The door must be fully shut for the machine to operate and the door catch has a safety mechanism to ensure safe operation.</p> <p>If the door has moved out of alignment then the safety mechanism will not switch off. Try adjusting the pin on the door upwards very slightly.</p> <p>The play button should be pushed and held down until the piston has finished moving. Releasing the play button will return the piston back to the top position.</p>



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6	<p>What air pressure will the Custom Can pneumatic filling machine operate in?</p>	<p>The machine will work between 5 and 9 bar air pressure, which can be seen on the dial on the side of the machine.</p> <p>There will be a slight drop in pressure visible as the machine fills an aerosol, so adjust your air pressure to ensure this remains above 5 bar.</p> <p>7 bar is the recommended setting.</p>
7	<p>The colour match is not accurate and I think the dark colours are staining the piston and cup.</p>	<p>Some strong colours like black, blue, and red will need more thorough cleaning between runs. Always clean the parts thoroughly with cleaning solvent compatible with your paint system.</p> <p>The piston may be unscrewed to make cleaning easier.</p> <p>Avoid soaking the parts in solvent for long periods as the plastic may deform which will affect the performance of the machine.</p>
7	<p>What cleaning solvents are best to use?</p>	<p>The best cleaning solvent will depend on your paint:</p> <p>Waterbased – manufacturer’s basecoat reducer/ gun wash/ buyl glycol/ water/ IPA (Isopropyl alcohol) / acetone</p> <p>Solvent based – paint reducer, S20 reducers, gun wash</p>
8	<p>Why is the paint spilling over the top of the piston and not going into the can?</p>	<p>The piston must have a snug fit in the cup to create an airtight seal for correct filling</p> <p>You may have a worn out piston, for a new one contact your local U-POL representative or customer services, requesting part CCPTIPFS</p> <p>This part is attached by a screw thread and can easily be replaced.</p>
9	<p>How do I stop paint dripping out of the bottom of the filling cylinder?</p>	<p>Paint should only be added when the cylinder is securely attached to the aerosol can. Firmly push the cylinder into the valve, and then twist 90° to be sure of the fitting.</p> <p>Over time the plastic base to the cylinder can become worn. For a new one contact your local U-POL representative or customer services, requesting part CCUPFS</p>
10	<p>How tight should the adjustable platform be to the aerosol can?</p>	<p>The adjustable platform is a safety mechanism to support the base of the can during filling, and avoid ejection of the can from a loose fitting support cup. Once the aerosol has been put into the machine, rotate it until it just touches the can. Do not tighten or else the filling cylinder will not be aligned properly with the piston.</p>



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		The can should be central on the platform.
11	How do I clear the paint out of the valve?	<p>*Ensure correct PPE is observed and work in a well ventilated area.*</p> <p>This is important as a blocked valve or actuator will stop you being able to use the aerosol.</p> <p>For best practice before you fill an aerosol, turn the can upside-down and spray for a short time to clear the valve.</p> <p>Once the aerosol is filled there will be some paint remaining in the valve. You have 2 options to clear this.</p> <ol style="list-style-type: none">1. Carefully replace the actuator and turn upside-down. Spray to clear the valve (we use a scrap piece of cardboard to catch the paint).2. Purchase a purging tool which fits into the valve like a reusable actuator and allows you to collect liquid waste from clearing multiple valves. Enquire with your local U-POL representative for the purging tool.