

GENERAL ADVICE FOR USE OF NJ PHILLIPS INJECTORS & INJECTOR DRENCHERS

PLEASE READ THIS LEAFLET BEFORE USE, KEEP THIS LEAFLET AND OTHER INSTRUCTIONS IN A SAFE PLACE FOR FUTURE REFERENCE.

WARNINGS

1. THIS APPLICATOR IS DESIGNED TO INJECT ANIMALS. THE OPERATOR MUST TAKE CARE TO AVOID CONTAMINATING THEMSELVES WITH THE PRODUCT BEING USED OR CAUSING THEMSELVES NEEDLE-STICK INJURIES OR SELF-INJECTION.
2. IT IS ESSENTIAL THAT THE OPERATOR READS AND FOLLOWS THE DIRECTIONS FOR USE AND SAFETY INSTRUCTIONS ON THE LABEL OF THE PRODUCT BEING APPLIED. THE OPERATOR IS AT RISK OF INJURING THEMSELVES, OTHER PEOPLE, OR THE ANIMALS BEING TREATED IF THE PRODUCT THEY ARE APPLYING IS NOT HANDLED SAFELY AND USED CORRECTLY.
3. THE OWNER OF THIS APPLICATOR MUST ENSURE THAT THE OPERATOR IS TRAINED IN ITS CORRECT USE. THE OPERATOR IS AT RISK OF INJURING THEMSELVES, OTHER PEOPLE, OR THE ANIMALS BEING TREATED IF THE APPLICATOR IS NOT USED CORRECTLY.
4. WHEN FITTING OR REMOVING NEEDLES AND DURING USE, DUE CARE AND ATTENTION MUST BE GIVEN TO ENSURE THAT ACCIDENTAL NEEDLE STICK INJURIES ARE AVOIDED.
5. WHEN SETTING UP, CLEANING, MAINTAINING OR USING THIS APPLICATOR, TAKE ALL APPROPRIATE PRECAUTIONS TO AVOID SPILLING, DIRECT CONTACT WITH, OR INHALATION OF, THE PRODUCT BEING USED WITH THIS APPLICATOR. REFER TO THE USE AND SAFETY INSTRUCTIONS ON THE LABEL OF THE PRODUCT FOR SPECIFIC ADVICE AND WEAR APPROPRIATE SAFETY CLOTHING AS RECOMMENDED BY THE MANUFACTURER OF THE PRODUCT BEING APPLIED.
6. KEEP PACKAGING MATERIAL AWAY FROM CHILDREN AND ANIMALS. PLASTIC BAGS AND PACKAGING CAN CAUSE SUFFOCATION. PLEASE DISPOSE OF ALL PACKAGING CORRECTLY.
7. BEFORE USE THE EQUIPMENT MUST BE STERILISED.
8. SEEK ADVICE ON THE STANDARD PRACTICES TO BE USED TO MINIMISE THE RISKS OF CROSS-INFECTION BETWEEN TREATED ANIMALS. SUCH ADVICE SHOULD BE AVAILABLE FROM SOURCES SUCH AS PRODUCER AND INDUSTRY ORGANISATIONS, GOVERNMENT EXTENSION SERVICES OR THE MANUFACTURER OF THE PRODUCT BEING APPLIED.
9. BEFORE DOSING, ENSURE THAT THE COMPONENTS OF THE APPLICATOR ARE SECURE AND THAT IT IS IN GOOD WORKING ORDER.
10. DO NOT USE THIS APPLICATOR IF IT IS LEAKING. STOP IMMEDIATELY AND CORRECT THE FAULT BEFORE CONTINUING.
11. THE DOSE ADJUSTMENT MECHANISM OF THIS APPLICATOR MAY BE DISLODGED DURING HANDLING. REGULARLY CHECK THAT THE DOSE SETTING IS CORRECT.
12. DO NOT LEAVE THE EQUIPMENT EXPOSED TO DIRECT SUNLIGHT OR EXTREMES OF HIGH OR LOW TEMPERATURES AS THE APPLICATOR OR THE PRODUCT BEING APPLIED MAY BE AFFECTED.
13. DURING THE WORKING DAY, WHEN

THE APPLICATOR IS NOT IN USE, LEAVE IT IN A SAFE PLACE OUT OF REACH OF CHILDREN, ANIMALS AND PEOPLE NOT TRAINED IN ITS CORRECT USE.

14. DURING THE WORKING DAY, WHEN THE APPLICATOR IS NOT IN USE, AND IF THE APPLICATOR IS OF A TYPE WHICH IS CONNECTED BY A FEED TUBE TO THE CONTAINER, ENSURE THE APPLICATOR IS ABOVE THE CONTAINER. IF IT HANGS BELOW THE CONTAINER FOR LONG PERIODS IT MAY DRIP.

15. FOLLOW THE SEPARATE CLEANING AND STORAGE INSTRUCTIONS SHOWN BELOW.

16. STORE THE APPLICATOR IN A SAFE PLACE OUT OF THE REACH OF CHILDREN. STORE NEEDLES SEPARATELY FROM THE APPLICATOR.

17. ALWAYS WASH HANDS THOROUGHLY AFTER USING OR SERVICING THIS EQUIPMENT.

STERILISING EQUIPMENT BEFORE USE
The recommendations for sterilisation vary according to the material from which the injector is made. Specific sterilisation instructions should be found on the packaging or leaflet accompanying this injector. If in doubt, contact us at njp1@njphillips.com.au

CLEANING & STORAGE
DO NOT store your applicator or feed tube full of product. To ensure long service from this applicator it should be properly cleaned and stored after use:

1. After use, empty the remaining product and dispose of it appropriately.
2. Flush through with warm, soapy water, drawing through the applicator feed tube or bottle attachment.
3. Then flush through with clean water. Expel any excess water.
4. Before storing, disconnect the feed tube and inject a small quantity of NJ Phillips Lubricant into the inlet. Operate the gun several times until the lubricant appears in the barrel and the seals are lubricated.
5. Dry the outside surfaces of the applicator and store in a plastic bag in a safe place out of the reach of children.

YOU CAN CONTACT NJ PHILLIPS, AND OBTAIN MORE INFORMATION ABOUT THIS EQUIPMENT AND SPARE PARTS BY GOING TO WWW.NJPHILLIPS.COM

njphillips.com

Our expertise is in your hands.

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This information is only relevant to equipment produced by NJ Phillips Pty Ltd. The manufacturer will accept no responsibility if this applicator is used in any way contrary to the information contained in both this leaflet and the other information and instructions enclosed with the applicator.



QL620A-R6
ENG, GER, FR, SP

5ml VARIABLE AUTOMATIC VACCINATOR MODEL 07



The 5ml Vaccinator is a precision instrument, with a high standard of finish, designed for mass treatment of livestock. Given normal care it will last indefinitely. As components in this instrument may be affected by solvents in some commonly used farm chemicals no responsibility will be accepted by the manufacturer should the instrument be used with such products.

INSTRUCTIONS FOR USE

It is essential that this instrument, and a supply of needles, be thoroughly sterilized before each use. A common method of sterilization is as follows:

1. Attach connecting hose to handpiece.
2. Wrap cloth around handpiece and draw hot water into the cylinder through the connecting hose.
3. Suspend the complete instrument in a container of water and boil, together with the needles, for 10 to 20 minutes.



Suspending the instrument not only makes it easier to remove, but also prevents damage should the container boil dry.

Chemical sterilization with antiseptic solutions is sometimes practised and in such instances the recommendations of the chemical manufacturer should be followed. **DO NOT attempt to sterilize by autoclaving. It is neither necessary, nor desirable, to dismantle the handle, or any other component, before sterilizing.**

4. Remove instrument from container, wrap cloth around the handle and pump dry.

To set the dose:

1. Slacken off dose adjuster lock nut.
2. Rotate threaded dose adjuster until the front piston washer registers with the required calibration on the cylinder.
3. Retighten dose adjuster lock nut. After attachment to the vaccine container hold the instrument vertically (needle upwards) and prime until all air is removed from the cylinder and connecting hose. Presence of excessive air bubbles in the cylinder indicates a loose fitting or damaged piston seal. See instructions for care and maintenance for replacement procedure.



Care must be taken to ensure the liquid does not come into contact with any part of the operators body. Chemicals may cause injury to the operator.

CARE AND MAINTENANCE AFTER USE

1. Remove all traces of material from instrument by flushing thoroughly with a hot water detergent mix. Follow with clean, warm water.

2. Disconnect feed tube from handpiece and place inlet fitting in NJ Phillips Lubricant, allowing a small quantity of NJ Phillips Lubricant to be pumped through the handpiece.
3. Store with dose set at 2ml. This is most important as, after being stored for some time, the piston washers may adhere to the cylinder. Setting down to 2ml does not allow sufficient stroke to damage the washers when the instrument is worked for next use.



DO NOT store your applicator or feed tube full of product. Clean as per the "Care and Maintenance" instructions.

To Replace Rubber Washers

1. Slacken off dose adjuster lock nut as far as possible.
2. Undo cylinder clamping nut.
3. Hold needle mount and withdraw push rod cylinder assembly.
4. Remove cylinder before unscrewing piston.
5. Replace 'O' ring taking care not to damage the groove.
6. Ensure the raised boss on the piston washer faces to the front and the support washer is correctly positioned.
7. Insert the piston washer carefully into the transparent cylinder.
8. Removal of the needle mount and head cage is accomplished by easing the cage through the side of the body.
9. To remove the delivery valve first insert a nail in the hole in the valve cage and then unscrew the delivery valve screw. When replacing these parts ensure that the raised boss on the valve washer faces to the front.
10. When re-assembling, it is important that the needle mount is correctly located in the hexagonal hole in the cylinder cage head, before re-tightening the cylinder clamping nut.

Lubricating Instructions

If this instrument becomes sluggish in operation, lubrication is probably required behind the piston.

1. Unscrew the dose adjuster until it can be pulled back against the spring and clear of the body.
2. Lubricate the cylinder with four or five drops of NJ Phillips Lubricant.
3. Screw back the dose adjuster to the required dose.