



## 20ml DRENCHMASTER CODE: PASD801, PAD801

### CHANGING NOZZLE ATTACHMENT



Unscrew the nozzle nut to release the sheep nozzle.



Ensure the delivery valve is inserted correctly.



Tighten the nozzle nut to secure.

The hexagonal arrangement of the nozzle and lock nut allow the nozzle to be placed at different angles.

**BEFORE EACH USE:** It is essential that this instrument and the needles to be used, must be sterilized. For sterilization instructions, please refer to 'General Cleaning & Sterilization Procedure'. This and other information guides can be found on our website [www.njphillips.com.au](http://www.njphillips.com.au)

**REFER TO THE LEAFLET SUPPLIED WITH YOUR INSTRUMENT FOR FURTHER INSTRUCTIONS ON USAGE, CLEANING, CARE & MAINTENANCE AND SPARE PARTS.**

### CHANGING INLET FITTING



Remove the large barb inlet fitting - you may require pliers to do this.



Ensure the inlet valve is inserted correctly, then screw on the dual barb inlet fitting.

### FITTING INJECTION ATTACHMENT & NEEDLE



The injection attachment is fitted in the same way as the nozzle.



Loosen the needle nut and insert the needle, then re-tighten the needle nut.



Unscrew the needle nut to release the needle.

### SETTING DOSE



Hold the handle firmly and loosen the dose adjuster lock nut.



CURRENT VERSION



Push the handle whilst rotating the dose adjuster screw to set the dose. Tighten the dose adjuster lock nut to secure the dose setting.



CURRENT VERSION



To decrease the dose, squeeze the handle slightly to release, then loosen the dose adjuster screw anticlockwise and release the handle slowly. Tighten the dose adjuster lock nut to secure.

### ATTACHING FEED TUBE



Place a spring over the feed tube and fit over the inlet fitting all the way up the barb. Rotate the spring anticlockwise - this opens the coils to allow movement.



Place a spring over the other end of the feed tube and fit to the 'Cleaning Unit' if cleaning or to the container of solution to be used.

### PRIMING



Ensure the instrument is set to maximum dose and pump the handle until the cylinder fills with solution. Hold the instrument vertically and depress the lever to expel any air bubbles.

**WARNING: Care must be taken to ensure that the chemical being used does not come into contact with your body as it may cause injury.**

**CLEANING**  
**After use, flush the instrument and feed tube with a hot water detergent mix.**  
**Repeat using clean water only to remove any soap residue.**

### LUBRICATION



After cleaning, remove the nozzle and using castor oil, lubricate the inlet valve seal ring and nozzle seal ring.



Remove the barbed inlet fitting and lubricate the inlet valve seal ring and push rod seal ring.



Unscrew the push rod guide and remove the cylinder.



Lubricate the cylinder seal ring and the inside rim of the cylinder.



Re-insert the cylinder and push rod into the handle taking care to align the push rod grooves with the lever pads.

### CHANGING PISTON WASHERS



Unscrew the push rod guide and remove the cylinder.



Using the NJ Phillips multi-tool, unscrew and remove the piston washer.



Fit the new piston washer and secure it firmly with the multi-tool.



Lubricate the cylinder seal ring and the inside rim of the cylinder.



Re-insert the push rod into the handle and tighten the push rod guide to secure.