

# The DERMO JET "AUTOMATIC"

**DESCRIPTION : Bottle holder and reservoir.**

The DERMO JET "AUTOMATIC" can be fitted with either a bottle holder or a reservoir.

The device can take bottles of up to 50 ml which are simply pushed onto the base; the device then operates in a closed circuit, requiring no transfer of liquids.

Practitioners formulating their own medicinal solutions are advised to use a 10 ml reservoir (sufficient for approximately 100 injections). The device is easy to fill using a syringe; simply insert the needle in the hole located in the top of the stopper (no. 475). The reservoir is graduated for easy filling.



## INJECTION TECHNIQUE

Prime the device by squeezing the trigger (no. 445) several times as far as the point of resistance before firing. If this procedure does not work, loosen and tighten the injection head several times (without completely unscrewing it).



Another method is to fill the back of the injection head with solution using a syringe (this is the part of the head that is screwed to the device and is penetrated by the end of the plunger).



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When activated, the device should make a duller, quieter noise.

To perform the injection, squeeze the trigger to the point of resistance, position the head against the skin and perpendicular to it, then press the trigger with the fingertips to fire. The result of the injection is identical to that of the Dermo-Jet Medical. Depth of penetration will depend on the site of injection, the distance from and angle to the skin. In general, the depth will be 4 to 6 mm. immediate visual inspection should reveal a papule with a small hole in the top. As the gun is easily rearmed, two or three doses may be given on exactly the same site if the treatment so requires.

#### CHANGING THE BOTTLE DURING VACCINATION

If the bottle containing the injectable solution needs changing during vaccination, there is no need to wait for it to empty. So as not to unprime the gun and avoid waste, the remaining solution can be syringed out of the almost empty bottle. The contents of the syringe can then be injected into the new bottle and vaccination can continue.

#### MAINTENANCE

For optimum performance, the toric joints should be checked regularly. This particularly applies to toric joint R3 (no. 106); this joint should be replaced approximately every 5000 injections. It is recommended not to leave medicinal solutions to stagnate, as they may decompose.

Before sterilization, the device must be rinsed out with distilled water (hot, if possible). One simple, efficient method is to fill the reservoir with about 1 ml of distilled water, then fire the gun to empty it. This will avoid the solution crystallizing and blocking the injection head aperture

The 3 Jet head must be rinsed with hot distilled water after each utilisation, particularly if the vaccine “dermyxovax” is used.

It is strongly recommended NOT to fire the device when empty. Above all, do not put grease on the piston

#### STERILIZATION

All parts of the device are made from materials resistant to high temperatures in the order of 134°C and may therefore be sterilized by any of the usual methods (dry or moist air).

It is, however, preferable to wrap the device in damp gauze before sterilizing in an autoclave, so as to avoid dulling the metal parts.

Do not forget to clean the outside of the gun, which can be dried with a paper towel or a clean, dry cloth.

#### Warranty

The length of the warranty is one year with effect from the date of shipment.

This warranty does not cover damage or deterioration resulting from improper use of the device, including lack of maintenance or accidents or anything arising from modifications, renovations, conversions or repairs performed without our prior agreement.

The warranty is strictly limited to the device itself and does not cover operating losses or expenses attributable to the immobilization of the device.

We may in no way be held responsible for the result of the vaccinations or inseminations performed. It is the user's responsibility to perform a visual inspection of the penetration of the solution injected, particularly by checking for the presence of a papule on the injection site.

Legal jurisdiction: in the event of any dispute, the courts of Pau, France, shall have sole competence.