



INSTRUCTION OF USE FOR TELINJECT BLOWPIPE - SYRINGES

Warnings:

TELINJECT GMBH is not liable for damages resulting from improper usage. The legal regulations of gun, animal protection and drug laws have to be met and safety instructions of pharmaceutical companies have to be followed.

A function check should be performed before practical usage and the filling of the syringe should be practiced on a regular basis to guarantee quick, safe and precise usage in practice.

TELINJECT Blowpipe - syringe filling accessories



TELINJECT – venting pin (EST)



TELINJECT – syringe connector (EKUP)



TELINJECT – air syringe (LSP20)



TELINJECT – medical syringe (MSP3)



TELINJECT – medical needle (MK)

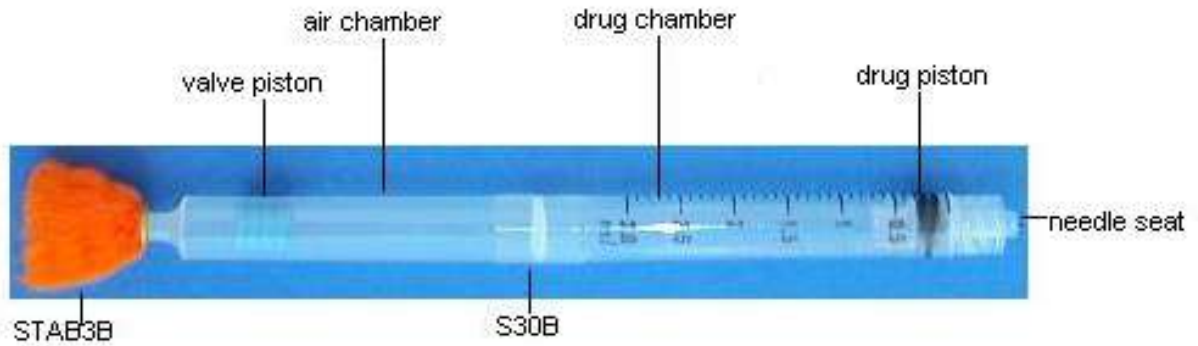


TELINJECT – safety cap (SCH30B)



TELINJECT – silicone oil (SÖ)

Construction of TELINJECT Blowpipe - Syringes



Filling of TELINJECT Blowpipe - Syringe:



Remove stabilizer.

If necessary, de-aerate the syringe; the valve piston (blue piston or red piston) of the air chamber must be mobile.



Attach the air syringe to the syringe cone using the syringe connector.

Push back the drug piston by pumping air.



Needle preparation:

Slide the locking piece over the lateral opening of the special needle. The opening must be completely sealed.

The locking piece must only be used once due to loss of density and one has to see to it that it is not damaged prior to usage.

How to fill the drug substance:



Use the single-use syringe to fill the drug chamber of the TELINJECT Blowpipe - Syringe. To maintain the syringe's ballistic qualities you have to completely fill the syringe. If necessary, add sodium chloride solution or distilled water.

Remaining air bubbles are no danger to the animal and do not affect the function of the syringe.

The syringe cone must remain dry and free from grease.



How to put on the needle:

Put the sealed special needle with a firm circular motion onto the syringe cone (possibly with the help of a gripper).

Put the safety cap onto the needle and push it firmly onto the syringe cone.

The syringe safety cap is for your own safety and prevents the drug from being discharged if a defect in liquid tightness may occur.



Before usage fill about 20ml into the filled TELINJECT Blowpipe - Syringe with the help of the air syringe to create pressure.

This will only work if you keep the syringe with the drug chamber vertically upright.

Attach the air syringe to the air chamber (mobile piston) using the coupling element and firmly push the air (20ml) into the air chamber; remove the air syringe while pushing.



Inspection:

Shortly knock at the syringe. The valve piston must firmly seal the air chamber and must be immobile.



Firmly put the stabilizer onto the valve piston using a circular motion.

The syringe is now ready for use and can be carried safely.

Remove the safety cap before usage.

Now insert the TELINJECT Blowpipe - Syringe into the **blowpipe** and shoot.

In case the filled TELINJECT Blowpipe - Syringe is not used you can discharge the syringe as follows:



Remove the stabilizer.

De-aerate the syringe by using the venting pin (valve piston must be mobile).



Keep the de-aerated syringe with the needle upright and remove the safety cap and the locking piece.

Provide a drug container.



Attach an air syringe with a coupling element to the air chamber of the syringe.

Now you can remove the drug from the TELINJECT Blowpipe - Syringe by squeezing the air syringe and fill it into the provided drug container.

Attention:

In case you have added sodium chloride solution to the drug the concentration has changed. You should therefore label and store it separately.

Cleaning of TELINJECT Syringes and Needles:

After having used the syringe remove the needle from the syringe with a gripper.

Remove the locking piece and trash it.

Keep the needle under running water to get rid of drug and blood residues.

Draw on water with a single-use syringe, attach it to the needle and press the filled water through the needle.

After this, use an air syringe to push air through the needle to prevent the water residues from agglutinating the needle and to keep the needle open.

Finally the needle can be stored.

Push air into the air chamber of the TELINJECT Syringe by using an air syringe to create pressure in the syringe.

Attach a coupling element to a single-use syringe, fill it with water and put on the drug chamber.

Push the water into the drug chamber and remove it again.

Repeat this action until all drug residues have been removed.

De-aerate the TELINJECT Syringe by using the venting pin so that the valve piston of the air chamber is mobile.

Put on the stabilizer and store the syringe.

Attention!

There must be no liquids in the air chamber.

The air chamber must always be dry.

Maintenance of TELINJECT Syringes:

Through good maintenance and cleaning TELINJECT Syringes can be used several times. To improve or maintain the gliding ability of the drug piston we recommend using silicone oil while cleaning.

Push back the drug piston with air syringe and attached coupling element to the middle.

Carefully instill 1-2 drops of silicone oil (do not use any other oil!) into the drug chamber and constantly allocate it by rotating the TELINJECT Syringe.

The best results will be achieved if the silicone oil can react over night.

Attention:

The needle seat must remain fat-free!

Always store TELINJECT Syringes unfilled, at zero pressure and with attached stabilizer at normal room temperature.

TELINJECT Syringes consist of permanent plastic and should be used within 3 years.

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