



## INSTRUCTION OF USE FOR TELINJECT VARIO 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 VARIO Syringe filling accessories



TELINJECT – venting pin (EST)



TELINJECT – syringe connector (EKUP)



TELINJECT – air syringe (LSP20)



TELINJECT – medical syringe (MSP3)



TELINJECT – medical needle (MK)

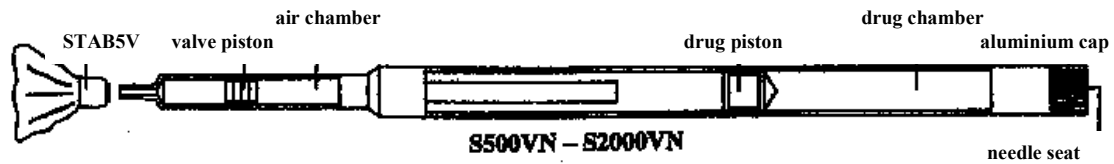
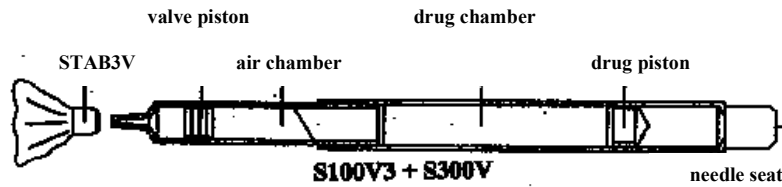


TELINJECT – safety cap (SCH30V)

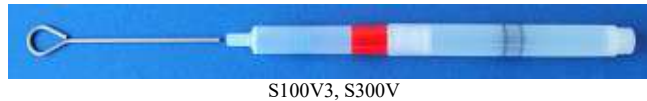


TELINJECT – silicone oil (SÖ)

## Construction of TELINJECT VARIO Syringes



### Filling of TELINJECT VARIO Syringe:



Remove stabilizer.

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



S100V3 / S300V



S500VN - S2000VN

Attach the air syringe to the syringe cone using the coupling element.  
**The aluminum cap has to be removed from all high-volume VARIO Syringes (from 5ml up to 20ml volume).**

Push back the drug piston by pumping air.



K1538V

**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.**

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How to fill the drug substance:



S100V3 / S300V



S500VN – S2000VN

Use the single-use syringe to fill the drug chamber of the TELINJECT VARIO 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.**



S100V3 / S300V

S500VN – S2000VN

**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).

**In high-volume syringes please screw the aluminum cap back onto the needle seat.**

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.



S100V3 / S300V



S500VN – S2000VN

Before usage fill about 20ml (**in S500VN- S2000VN 30ml**) into the filled TELINJECT VARIO 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) (**in S500VN- S2000VN 30ml**) into the air chamber; remove the air syringe while pushing.



S100V3 / S300V



S500VN – S2000VN

**Inspection:**

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



S100V3 / S300V



S500VN – S2000VN

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 VARIO Syringe into the rifle/pistol and shoot.

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



S100V3, S300V



S500VN – S2000VN

Remove the stabilizer.

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

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S100V3 / S300V



S500VN – S2000VN

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

Provide a drug container.



S100V3 / S300V



S500VN – S2000VN

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

Now you can remove the drug from the TELINJECT VARIO 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.

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### **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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