



TeleDart® pistol and gun darts



TeleDart GmbH & Co.KG  
Obere Heide 8  
67368 Westheim  
Germany

Tel.: +49 (0) 6344 939765  
Fax: +49 (0) 6344 939890  
E-mail: info@teledart.com

[www.teledart.com](http://www.teledart.com)

## Instruction manual for pistol and gun darts

TeleDart GmbH & Co.KG  
Obere Heide 8  
67368 Westheim /Germany

Tel.: +49 (0) 6344 939765  
Fax: +49 (0) 6344 939890  
E-mail: info@teledart.com

[www.teledart.com](http://www.teledart.com)

# Index

The TeleDart® gun dart	page 1
Accessories needed	page 2
Legal notes	page 3
Filling of TeleDart® gun darts	page 3 - 5
Unloading of TeleDart® gun darts	page 6 - 7
Cleaning/Care of TeleDart® gun darts and needles	page 8 - 9
Storage of TeleDart® gun darts	page 9
Further information	page 9
Notes	page 10

# NOTES

---

---

---

---

---

---

---

---

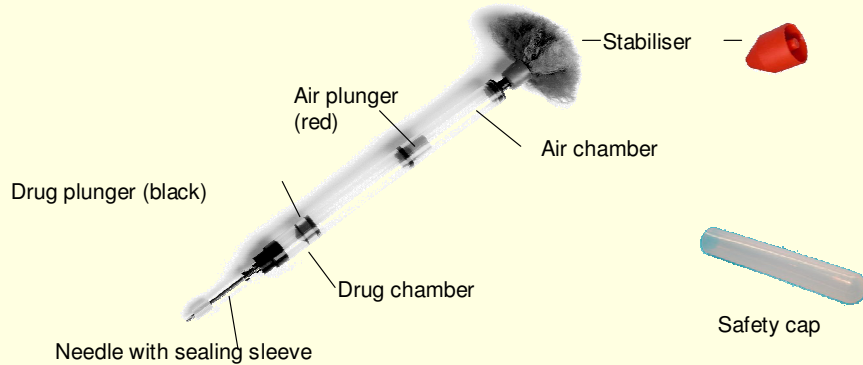
---

---

## The TeleDart® gun dart

### Dart syringes and needles

- Dart syringes have two chambers:
  - Drug chamber and air chamber
- They are pressurized with air by means of the connector CON and an air filling syringe AS.



## IMPORTANT!

To assure the function of the dart, we recommend cleaning the black drug plunger with silicon oil (SO) after every use:

- ▶ Put the flight-stabilizer onto the dart.
- ▶ Softly press air into the dart by using the air filling syringe AS to move the black plunger to the middle of the drug chamber.
- ▶ Be careful not to contact the outside of the dart's top with oil.
- ▶ Transfer a drop of silicone oil into the drug chamber.
- ▶ Again use the AS and move the black drug plunger several times inside the drug chamber to disperse the silicone oil.

Leave the oil several hours in the dart syringe before using it again!



**The tip of the dart must always be free of oil. Only use original TeleDart® silicone oil.**

## Storage of TeleDart® gun darts

Always store TeleDart® gun darts unfilled and de-aerated.

Though the darts consist of a continuous-stable plastic material, even under a dry storage with temperatures from 0-30°C they should be consumed within 36 month.

Protect your darts against UV-rays as this may influence their lifetime.

## TeleDart® woolen flight-stablizer

Please note, that woolen flight-stabilizers are strained when used very often. This can influence the flight quality of the dart. Therefore we recommend to change the flight-stabilizer of your dart after a certain number of shots.

## Accessories needed:

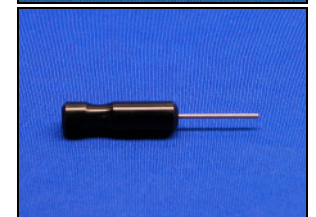
TeleDart  
air filling syringe (AS)



TeleDart  
connecting adapter (CON)



TeleDart  
venting pin (VP)



TeleDart  
needle tool (ST)



TeleDart  
silicone oil (SO)



drug filling syringe (FS3/FS5) with  
drug filling needle (FN)

Legal notes:

TeleDart GmbH & Co. KG accepts no liability for damages caused by improper handling of darts. Please adhere to all regulations applicable to your country in regard to the handling of weapons as well as animal protection and welfare. Please follow strictly all safety advice of the drug producer.

**Filling the TeleDart® gun darts**

The following steps will show you how to fill the dart correctly. We recommend to practise the filling of darts several times until you become familiar with it.

- ▶ Take off the flight-stabilizer and the safety cap.

- ▶ The red air plunger must be loose.

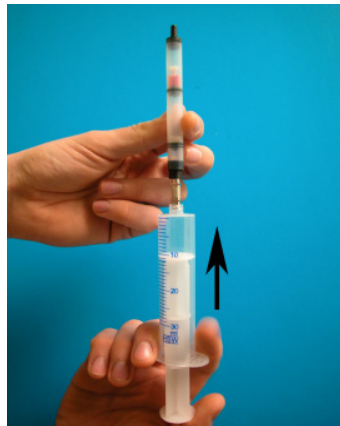
Note: if the air plunger is not loose, push the venting pin inside the the air chamber to loosen the plunger.



- ▶ Fill the air filling syringe AS (with connecting adapter CON) with 20-30cc of air.

- ▶ Put the AS onto the drug chamber (black plunger) of your dart.

- ▶ Hold the dart upright (air chamber shows to the top) and press the black drug plunger to the other end of the drug chamber.

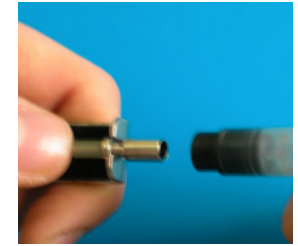


**Cleaning of empty TeleDart® gun darts and needles**

TeleDart gun darts and needles can be used a long time, if they are cleaned carefully after use.

Cleaning the needle:

- ▶ Take the silicone sealing sleeve off the needle.
- ▶ Using darts with metal cap, please take that cap off first.
- ▶ Take the needle off the dart by using the needle tool ST.
- ▶ Hold the needle under running water, to clean it from blood and debris.
- ▶ Fill the air filling syringe AS (with connecting adapter CON) with water.
- ▶ Press the water through the needle.



Cleaning the dart:

- ▶ Put on the flight-stabilizer.
- ▶ Fill the air filling syringe AS (with connecting adapter CON) with water.
- ▶ Put the AS onto the drug chamber of the dart.
- ▶ Press the water into the drug chamber several times to rinse all residuums.



**Note: Never clean the air chamber of the dart. It always has to be kept dry!**



- ▶ Use a drug bottle (for example with rubberised seal) and
- ▶ put the air filling syringe AS (with connecting adapter CON) onto the drug chamber of the dart.
- ▶ Press the drug into the bottle.



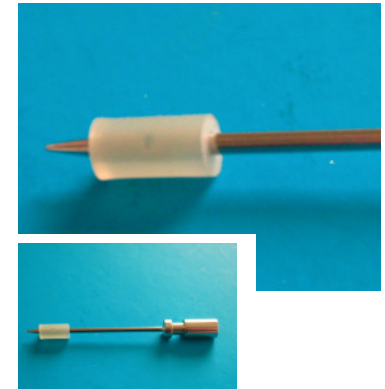
**Please take into consideration, that the concentration of the drug has been changed by adding saline-solution.**

**Therefore we recommend to store these dosages always separately and mark them carefully.**

#### Preparing the needle:

- ▶ The needle has two lateral openings on the top. Carefully push the sealing sleeve in turning movements onto the needle until both lateral openings are completely covered.

**The sealing sleeve must not be damaged. Only use it once!**



#### Filling the drug:

- ▶ Fill the drug into the drug chamber (black plunger) of the dart.
- ▶ In order to always get the best ballistics, fill the drug chamber 100%. If necessary top it up with saline-solution.
- ▶ Remaining air bubbles in the drug chamber are harmless and do not influence the function.

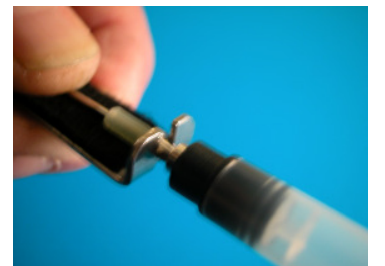
**The syringe tipp always must be dry and free of grease!**



#### Putting on the needle:

Using darts with a metal cap, please remove that cap first.

- ▶ Now, using the needle tool ST, fix the prepared needle onto the top of the dart's drug chamber (**no luerlock!**). Make sure the needle has been fixed as firm as possible!
- ▶ Using darts with metal cap, please put the cap back onto the dart.



- ▶ Now cover the needle by putting the safety cap onto the dart.

**The safety cap prevents the loss of drugs if the needle is leaking.**

- ▶ Fill the air filling syringe AS (with connection piece CON) with 20-30cc of air and connect it with the air chamber (red plunger) of your dart.
- ▶ Hold the dart **exactly upright** with the needle showing to the top!
- ▶ Now press air into the air chamber until you feel a **strong backpressure**.
- ▶ In that moment keep the AS pressed and **at the same time** take it off in a fast movement.

**The higher the pressure, the better the dart releases.**

#### ▶ **Pressure control:**

The air plunger must not be loose! Test it by flipping the air chamber with your finger.

If the membrane releases and becomes loose inside the air chamber, do not use the dart. Please repeat the process and try to press more air into the air chamber this time.

- ▶ Put the flight-stabilizer back onto the dart.
- ▶ The dart is now ready for use.
- ▶ Do not take off the safety cap until the beginning of your treatment.



**Please handle filled darts always very carefully!**



## Unloading the TeleDart® gun darts

### What to do, if you want to unload a filled gun dart?

- ▶ Take off the flight-stabilizer.



- ▶ **De-aerate** the dart by pushing the venting pin VP into the air chamber. The red air plunger must be loose.



- ▶ If you are sure, that the dart is de-aerated, hold it with the needle to the top.
- ▶ Take off the safety cap.
- ▶ Take off the needle by using the needle tool ST.
- ▶ Put a disposal drug needle onto the drug chamber of the gun dart.