Needle-free Injection System（Model：NFI-AI-50/100）

NFI-AI-50/100 Needle-free Injection System is a new solution of drug delivery for small livestock including young pigs, dogs, cats, rabbits, or other pets. It enables transdermal needle-free injections of low-dose (0.5/1.0 ml) pharmaceuticals.

Advantages：

➕ Avoid cross-contamination of animal diseases;

➕ Increase the absorption rate of drugs and vaccines;
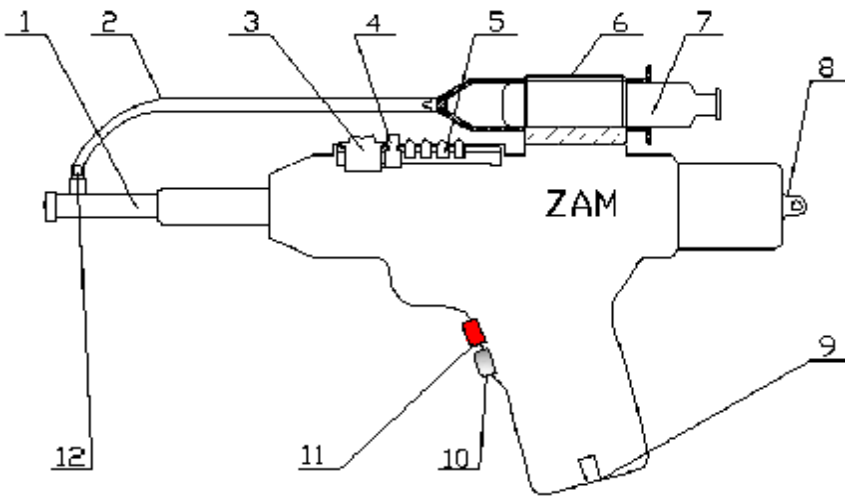
➕ Eliminate the hidden danger of the injection needle.

Product Composition

Needleless injector   Lithium battery charger

50ml Syringe   Medical hose

Main technical parameters
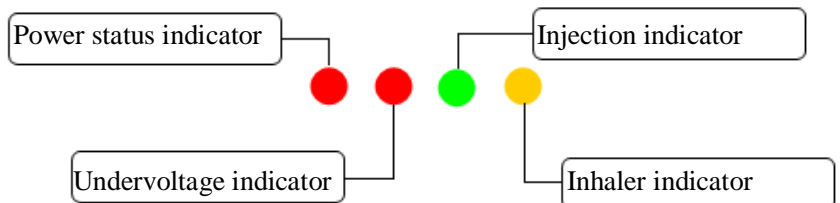
Dose：0.5ml/1ml   Power：25W

Voltage：14VDC

Graphic Products

1-Ampoule	2-Hose
3-Power Switch	4-Reset Button
5-Status Indicator	6-Syringes Slot
7-Syringe	8-Straps buckle
9-Charging port	10-Inhaler Button
11-Injection Button	12-Hose connector

Operation steps

1. Remove the syringe and fill the syringe with drug through conventional needle;

2. Connect the syringe with the hose connector on top of the ampoule by a provided medical hose, and insert the syringe into the slot;

3. Make the injector head up, push the piston of syringe until drug comes out sustainability;

4. Turn on the power switch;

Power status indicator   Injection indicator

Undervoltage indicator   Inhaler indicator

5. Push the Inhaler button for drug to fill into the barrel. When Yellow light (for drug inhaling) goes off and Green light (inhaling complete and waiting for injection) on, it is ready for injection;

6. Push the Injection button for injection according to the correct methods (the following).

- Stop injection when the Undervoltage light is on, please charge the battery through provided battery charger!
- Do not injected before the Injection light (green) is on!
- Please poke fur and lightly press animal skin when injection!
- ④ Ampoule head should be placed perpendicularly to the skin surface to avoid damage to the animal skin when injection!
- ⑤ Please keep 2 to 3 seconds and then remove the injector after injection!

Fault resolution

Fault	Reason	Failure Elimination	Remarks
Drug residues in animal skin	Not press the animal skin or angle is not correct when injection	According to the correct methods to firing	A small amount of drug residues is a normal phenomenon
	One-way valve is not sealed	Contact our technical staff	
Inhaler and firing button failure	Circuit fault	Contact our technical staff	
Power switch and reset button failure			
Indicator light inoperative			
Occurrence of abnormal noise during operation	Mechanical failure	Turn off the power, contact our technical staff	
Status indicators light in disorder	Low battery	Press the reset button and then charge the battery	
Green light does not shine and the Undervoltage light is on		Press the reset button and then charge the battery	

Maintenance

1） Stop injection when the ampoule is not filled with drugs to avoid damage to the ampoule;

2） To keep the syringe dry and clean, avoid contacting with dust, dirt, and residual drugs;

3） You can wipe with a damp cloth, but might not be directly immersed in liquid;

4） Please take out the ampoule for proper sterilization after series of injection, prepare for the next operation;

5） Please stop using, and timely charge when power is low;

6） Please use the protective sleeve covering the head of the injection after injection.

Storage

Please place in a dry place below 50℃ and keep out of reach of children

Please store sealed ampoule

Contact us

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Name of commodity	
QC	
Accomplishment Date	

Comments and suggestions are always welcome!