

ANIMAL TECHNOLOGY OSMOTIC MACHIN

Needle free Injector

ATOM GUN



NEW

For better life with
REBORN

NEEDLE FREE INJECTOR

For better livestock raising with REBORN **ATOM GUN**



We, "REBORN AGENCY" are making continuous efforts to achieve three goals.

For a better 'Safe food production, Efficient environment for the livestock, and Animal welfare'.

"ATOM GUN" is

stands for 'Animal Technology Osmotic Machine' GUN that is a "JET INJECTOR", a medical instrument delivering medication under the skin without a needle.

For intradermal

"ATOM GUN" is needle-free jet injector which is optimized for penetrating the skin and delivering medication to the cortex through a number of clinical researches and trials considering features of skin tension of livestock such as pig, cattle etc.

By applying the optimum pressure value to maintain the medicine to the desired penetration depth, our "ATOM GUN" aims to contribute to the formation of better antibody value for reducing pain and promoting more uniform vaccination in livestock.

How can I inject without a needle?

While conventional needle injector uses a needle to secure the path of drug penetration into the skin and slowly pushes the drug into the body by using the force of the fingers,

"Jet injector" employs high-pressure jet of liquid medication to penetrate the skin and deliver medication under the skin by sticking fine nozzle holes to the skin. That is, the liquid medication functions as a needle in a moment.

"Jet injector" penetrates each layer of the skin and goes straight to a certain depth. When it reaches the barrier of the skin, it delivers the medication in a way that spreads out horizontally and evenly in an instant along the texture of the tissue.

This allows you to "deliver medication to the desired penetration layer more evenly and faster than needle injector without the fear of needles.

This kind of needle-free drug delivery method is defined as "Jet injector" academically in oversea.

ADVANTAGES

of the device



Prevent transmission of infectious agents with one & only campaign



Promoting efficiency in carrying out vaccinations through automatic operation method



Increasing antibody incidence rate with more precise drug penetration



Good design and easily understandable menu configuration



Replacing expensive imported devices



Hygienically managing device through easy assembly and disassembly



Professionally managing device through maintenance agreement



Adopting SUS 316, which is highly resistant to rust and other corrosion



What kind of inoculation can this machine use?



"ATOM GUN Ver 1.0" is designed to inject about 0.5cc of drug at one operation automatically.

The target penetration layer of the drug is optimized for "intra-cortical". We have completed several clinical trials on the antibody incidence rate at vaccinating pigs against foot-and-mouth.

The results of clinical trials show that the average antibody formation rate is "93.35%".

In the future, accessories will be provided to enable various doses of the drug to be injected in response to customer requests.

No Needle No Pain JET INJECTOR

POINT
01

Uniform results !

medicine penetration depth is constant

POINT
02

Quickly

Medicine delivery rate is fast

POINT
03

So Easy!

Easy to operate, anyone can use it easily



[Click here!](#)

HOW TO USE

After turning on the power, run the drug preparation menu and touch the syringe to the animal's skin to make the injection automatically!



STEP 1

After installing a vial and a battery in the device, turn on the power by pressing and holding the power button for 3 to 5 seconds.



STEP 2

Run the drug preparation menu.



STEP 3

The drug to be inoculated is automatically charged by continuously pressing the operation detection button on the device handle during the inoculation process.



STEP 4

When the drug outlet is in close contact with the inoculation site, inoculation is performed automatically.

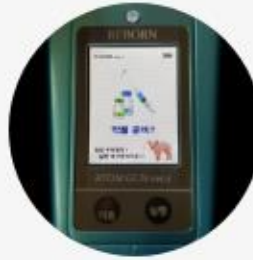
EASY IMAGE MENU

Anyone can easily understand!

Multi-language support available



First screen



Drug preparation



New count



Cumulative count



Auto cleaning



Power off



Battery level



Automatic operation

Can be used for a variety of livestock!



Goat



Pig



Cow



All our products are 100% manufactured and shipped out with
“pre-order system”.

All orders are handled on a “first come first served basis” after
customers pay the full price up front. Estimated delivery time is
about 3 months out from the order date.

 **Needle free IJT**
ATOM GUN

We are always open for you !!

**We, all the employees of the
“REBORN AGENCY”,
will sincerely respond to your
inquiries so that you can get all the
information you need to make the
best choice.**

**Please feel free to contact us if you
need any further information.**

