

The dosing revolution has begun.

REVOLUTION DOSING GUN

The future of livestock dosing
is in your hands - literally.

Much like the mobile battery-powered drill changed the way builders and tradesmen approached their work, so too will the battery-powered, automatic Te Pari Revolution Dosing Gun change the way that you approach dosing. No more clumsy dosage selection. No more hand ache or strain-related injuries. The Te Pari Revolution Dosing Gun makes the sometimes long and tedious chore of dosing smarter, faster and easier. The Te Pari Revolution Dosing Gun is powered by twin lightweight rechargeable Li-ion batteries capable of a 1000+ doses* per charge, making it ideal for large volume producers.

**Depends on the dose type and dose quantity.*



The Dosing Gun range



HOW IT WORKS

The battery-powered electric motor drives the piston forward and back. The operator can adjust the delivery and refill speeds to suit the situation. A single power unit can be fitted with either a 70ml, 14ml or 6ml barrel, making the dosing gun a truly multipurpose device.

BARREL SIZE, DOSE AMOUNT AND SPECIFICATIONS

70ml barrel: This barrel is designed for pour on and oral drenching. Doses of 5ml to 300ml. Dose volume increments of 1ml. Volumes from 71ml to 300ml delivered in up to five sequential shots.

14ml barrel: This barrel is designed for injecting and oral drenching of smaller doses. Doses of 1ml to 28 ml. Dose volume increments of 0.5ml. Volumes from 14.5ml to 28ml delivered in two sequential shots.

6ml barrel: This barrel is a dedicated for injectable medications featuring a tube draw off or bottle mount and a safety locking shroud. Doses of 1ml to 12ml. Dose volume increments of 0.1ml. Volumes from 6ml to 12ml delivered in two sequential shots.

Sequential shots: If the dose is larger than the barrel size then the gun will automatically divide the total dose into equal parts.

Dose Accuracy: +/- 0.2 mm

Battery Life: 2,000+ doses of 50ml pour on/1000+ doses of 3ml injection

Nozzle attachments: Pour on nozzle, J hook, Leur lock fitting, T Bar

FEATURES

- Lock screen
- Adjustable piston forward and return speed
- Statistics functions
- Multiple barrel options
- Durable construction
- Firmware updates through smart phone app
- Dosage used and number of treatments displayed on statics screen
- Lock screen prevents accidental dose adjustment

QUICK TIP:

The Revolution Dosing Gun connects directly to the following:

- Gallagher TW range of Scale indicators
- Te Pari Scale Systems
- Shearwell Farmworks Software
- Sapien Software
- Various Feedlot Management Software programs



SCAN THE QR CODE!

Find out more about the Te Pari Revolution Gun.



Call us on **800 315 0433** for more information on how to set up a Dosing Gun to your requirements.

ANIMAL DOSING STUDY.

Shooting from the hip – the problem with inaccurate dosing.

THE PROBLEM

Overdosing and under-dosing of animals is a serious issue in animal health. Overdosing may lead to toxicity problems and requires extended withdrawal times prior to slaughter. This prolongs the time the animal needs to spend on farm which eats into the profit locked in the animal. Another obvious consequence is the loss of the wasted product.

Under-dosing of animals may lead to lack of efficacy of the product involved. Under-dosing anthelmintics may result in cattle to retain a significant worm burden and will have poorer performance than anticipated. Under-dosing antimicrobials may lead to poor treatment responses and even lead to death. Under-dosing with these types of products has potentially far greater economic ramifications than the expense of excess product typically associated with overdosing.

WHAT THE STUDIES SHOW?

A retrospective analysis of 6,231 head of pasture grazed and feedlot cattle comprising 24 separate lots was conducted by Kansas State University, to evaluate the extent of improper dosing that would have occurred if all animals in each lot were treated with a single dosage level of a pharmaceutical product based upon the average weight of the lot. Assuming that the average weight of each lot was used to determine the dosage of either an anthelmintic or a metaphylactic antimicrobial treatment for all animals in the lot, the extent and degree of potential individual animal improper dosing was calculated.

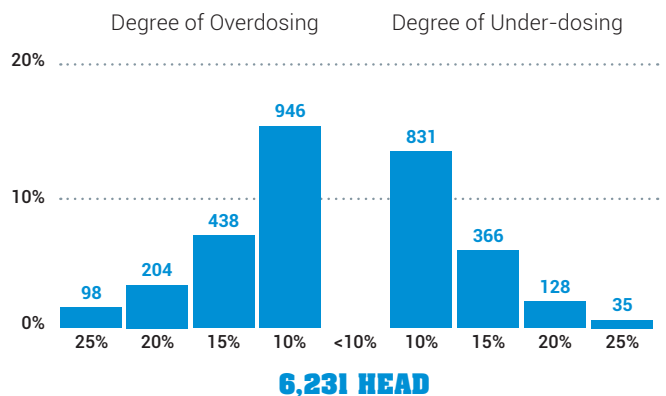
FINANCIAL IMPACT

If you are dosing 600lb cattle with an Antibiotic for BRD or similar that costs approx \$25/shot you could save over \$110 per group of 100 cattle by not overdosing!

CONCLUSION

In summary the following occurred:

- 27% of animal were overdosed with some animals receiving 25% more treatment than needed
- 21.8% of animals were under dosed with 8.4% of animals and received 15% less treatment than required



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Listen to Doug Ensley
Professional Services
Veterinarian-Cattle
Boehringer on the Te Pari
Dosing Gun.



Te Pari Dosing Gun App

The Te Pari Revolution Dosing gun is accuracy reinvented.



The new Te Pari Dosing Gun App connects the Te Pari Revolution Dosing Gun with a smartphone and most Bluetooth livestock scale systems to provide an auto calibrated dosing system.

HOW IT WORKS

At the start of the session, the Dosing Gun App needs to be set up with the required dosing rates – this is done on the phone. The Dosing Gun App then connects to the scale and EID reader systems via Bluetooth. The Dosing Gun App will receive the weight reading from the scale via Bluetooth. When the weight reading is received the app instantly calculates the dose rate based on that exact animal's weight and sends the dose amount via wi-fi to the Revolution Dosing Gun which at the click of the trigger administers the dose.

FEATURES

- Connects Te Pari Revolution Dosing Gun to common Bluetooth Livestock Scales
- Connects to common EID readers
- Auto calculates the dose rate and controls the gun for improved efficacy
- Manual weigh input option
- Session history reporting

BENEFITS

- Allows improved record keeping for withholding periods and traceability
- Prevents costly overdosing and wasteful under dosing
- Connects to common brands of livestock scales* allowing use of existing hardware

System Requirements: Android platform.



QUICK TIP:

This app is used to upgrade the firmware on the gun in the field. it is also used to connect to Bluetooth scales such as Tru-test.



Call us on **800 315 0433** for more information on how to set up a Dosing Gun App to your requirements.