

Our ideas and innovations are a part of the pursuit of maintaining the sanctity of milk so that the world's most ancient health drink can be appreciated as it truly is – untouched and unadulterated.



## OPTIMISE YOUR FARM WITH OTHER RELATED PRODUCTS

### Farm 365 Animal Husbandry App

Farm 365 App has a unique Artificial Insemination (AI) module, which automates the complete breeding process between different stakeholders including dairy admin staff, dairy farmers, AI workers, AI supervisors, and material suppliers.



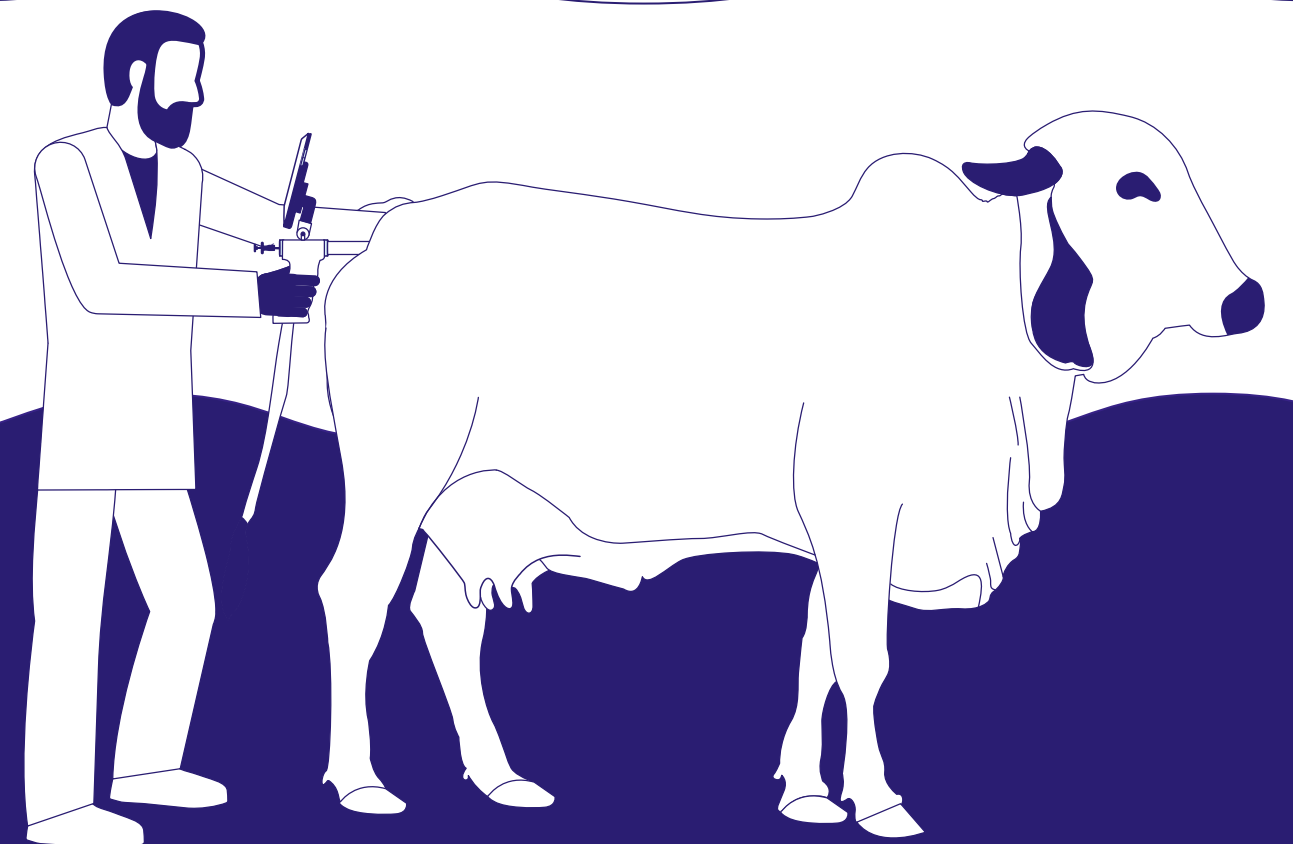
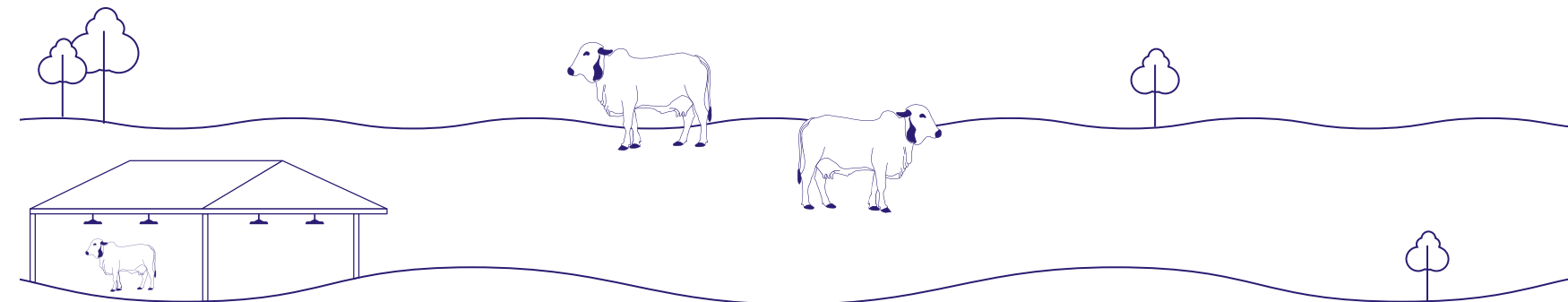
### MilkEasy Milking Machine

MilkEasy Milking Machine is designed to milk cattle quickly, efficiently, hygienically, and ensuring maximum comfort to the animal.



# BREED EASY DIGITAL AI GUN

## Artificial Insemination Made Easy and Intelligent!



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## CURRENT SCENARIO

Farmers and cattle breeders rely on traditional methods and techniques based on their experience & knowledge. This inefficient traditional process is very painful for the cattle, causes damage to the uterus and is

prone to diseases. These techniques do not provide visual confirmation or data-driven insights resulting in lower conception rate and lower farm profitability.

## CURRENT CHALLENGES

- Lack of visual confirmation of the AI procedure
- Existing procedure is centred on human subjectivity causing lower accuracy
- Farmer expenses increase due to low conception rates
- Lack of data for insights on cattle fitness and health
- Manual process degrades the health of cattle and makes them prone to diseases
- AI Gun affordability and procedural awareness is relatively low

## KEY HIGHLIGHTS

Built with robust and medical grade steel (SS316) body

Simple procedure for flawless insemination

Portable and lightweight making it easy to handle

Trouble-free accessibility with android mobile applications

LED illumination with adjustable brightness for better visibility

Organised data collection via recorded images in JPEG Format

## PRESENTING

# BREDEASY DIGITAL AI GUN

## SMART WAY TO PERFORM AI

The BreedEasy - digital AI gun is equipped with a camera that facilitates connectivity with smart phones. This allows AI operator to easily have a clear view of the vaginal tract and cervix on the screen for correct diagnosis & accurate artificial insemination

procedure. The digital AI Gun also provides the functionality to perform intra-uterine therapy in real time. Images & videos can be easily saved and shared with experts for correct decisions.



## TECHNICAL FEATURES



180° wide angle and 120° & 360° rotation angle to capture better view



5MP camera lens with 640 \* 480 px resolution provides high image stability



USB 2.0 & Type-C power supply connectivity

## BENEFITS



Easy visualization of the status of cervix



Ensures accurate semen deposition



Increased AI conception rate for pregnancy



Technology driven approach helps save time



Satisfied farmers due to visual confirmation of the procedure



Thorough observation of cervical discharges during the AI procedure



Diagnoses other abnormalities of reproduction, which saves time & money of farmers



Improves transparency between farmer and AI Technician