

MOBILE-BASED SMART SEMEN ANALYZER FOR MODERN BREEDING PROGRAMS

prompt[®]
iSperm
mCASA
smart semen analyzer



CURRENT SCENARIO

In India's dairy ecosystem, semen quality directly impacts conception rates, farmer income, and breeding efficiency. Yet, semen evaluation at the field level remains inconsistent, subjective, and dependent on lab access.

iSperm mCASA brings objective, standardized, and rapid semen analysis directly to the point of use, empowering AI centers, bull stations, and veterinarians to make the right decision, every time.

CHALLENGES



Variations in semen quality across bulls and batches



Subjective microscopic evaluations



Limited access to advanced laboratories at AI centers



Repeat artificial insemination leading to economic loss and farmer dissatisfaction

Introducing prompt[®] iSperm mCASA

Smart Mobile Semen Analysis for Bovine Fertility

iSperm mCASA is a portable Computer-Assisted Semen Analyzer (CASA) designed specifically for bovine fertility assessment.



Analytical Parameters

Focused on critical fertility indicators:

- Sperm Concentration
- Total Motility (TM)
- Progressive Motility (PM)
- Live Visual Sperm Movement Tracks



BENEFITS

- ▶ Portable and field-ready
- ▶ Objective and standardized results
- ▶ Fast decision-making in minutes
- ▶ Visual evidence builds farmer and AI worker confidence
- ▶ Digital record keeping of bulls and semen batches

IDEAL FOR

- Dairy Unions and Milk Federations
- Government & Non-Government Organization Artificial Insemination Centers
- Frozen Semen Stations
- Veterinary Universities and Colleges
- Private AI Service Providers

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Innovation
and Trust