UN73 Vet

3-Part & 5-Part Combined Auto Hematology Analyzer for Vet

DYMIND

Principle
Tri-angle laser scattering & flow cytometry for WBC differentiation
Impedance for WBC/RBC/PLT counting
Cyanide-free colorimetric method for HGB calculating

Test Mode
CBC+DIFF, CBC+3DIFF

Parameters
CBC+DIFF:
25 reportable parameters+ 6 researchable parameters
3 Histograms + 1*3D Scattergrams + 3*2D Scattergrams
CBC+3DIFF:
21 reportable parameters
3 Histograms

Sample Mode
Auto-Venous Whole Blood (AWB)
Open-vial-Venous Whole Blood (VWB)

Sample Volume
CBC+DIFF: 20μL; CBC+3DIFF: 25μL

Throughput
Up to 80T/H

Species
Cow, Horse, Sheep, Pig, Alpaca, Camel and Vicuna.

Data Transmission
LAN port
HL7 with bi-direction LIS are available.

Data Storage
≥100,000

Printout
Compatible with multiple print formats & user-defined set

Operating Environment
Working Environment：15°C~30°C;
Relative humidity：30% ~85%;

Power
Voltage：AC 100V~240V, 50Hz/60Hz
Input Power: ≤250VA

Size
W*D*H: 650mm*550mm*610mm

Weight
57.5Kg

Reagent
DIL-M
LYM-1
LYM-2
LYM-3
CLE-P Cleanser

10th Floor, Building B, High-tech Park, Guangqiao Road, Tianliao Community, Yutang Street, Guangming District, Shenzhen 518107, P. R. China

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www.dymind.com

One-Click for Infinite Possibillity

UN73 Vet

3-Part & 5-Part Combined Auto Hematology Analyzer for Vet

5-part testing mode

25 reportable parameters & 6 researchable parameters

Dedicated 3D scattergram for accurate differentiation

CHANGE

3-part testing mode

21 reportable parameters

Flexible choice to reduce the test cost with only 2 reagents
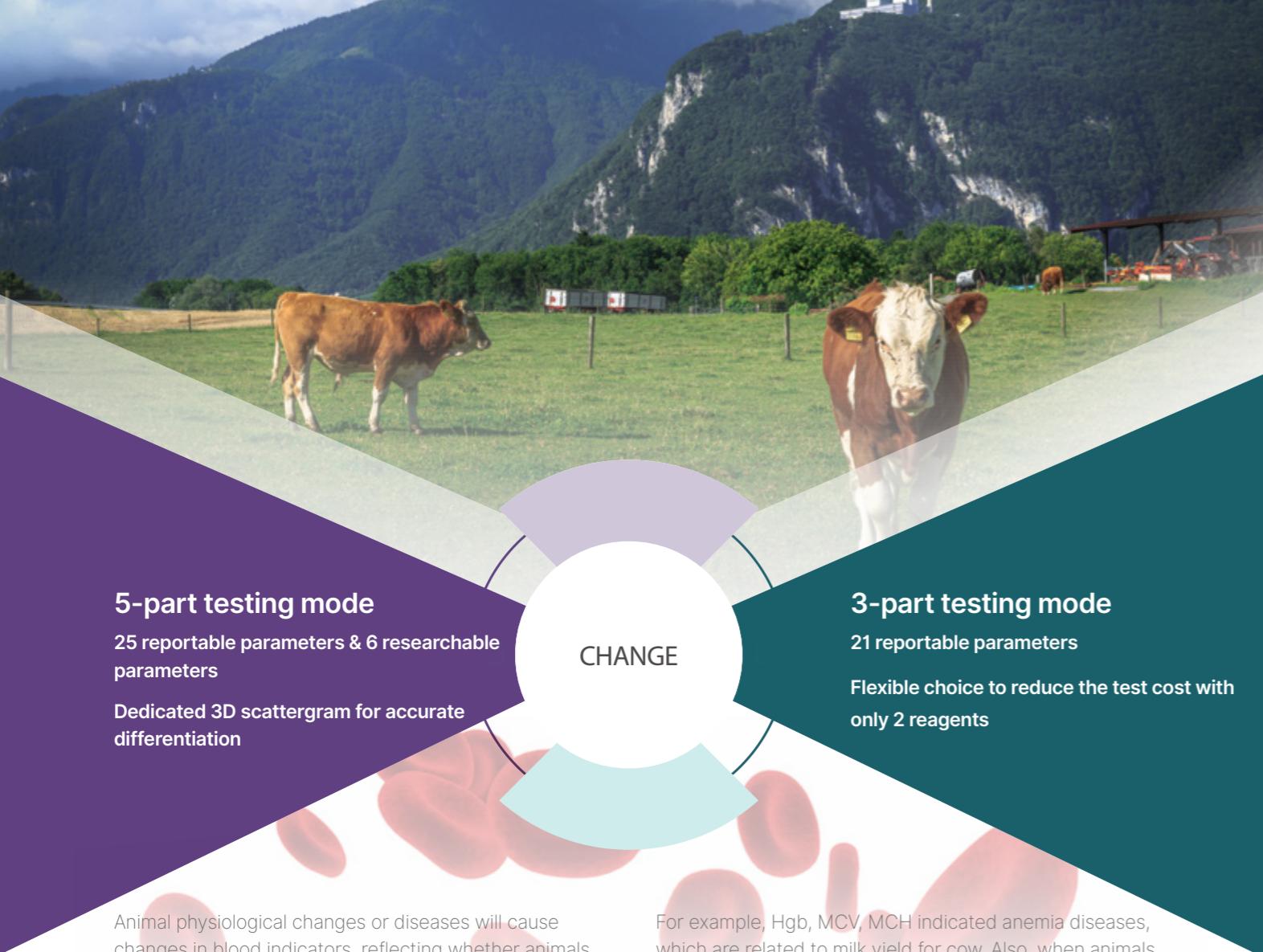
Animal physiological changes or diseases will cause changes in blood indicators, reflecting whether animals suffer from diseases to a certain extent, which is conducive to grasp the overall health level of the animals and predict the occurrence of diseases. CBC test is not only the main basis for the diagnosis of various blood diseases, but also provides a lot of important information for the diagnosis and differentiation of other systemic diseases such as anemia, infection, parasitic disease.

For example, Hgb, MCV, MCH indicated anemia diseases, which are related to milk yield for cow. Also, when animals are infected, especially in the early stages of the disease, neutrophils usually increase. Therefore, the research on the assistant diagnosis method of animals' health level is beneficial to the scientific prediction and evaluation of swine health status, to improve the production level of animals, to give full play to its maximum production performance, to promote the improvement of breeding animals, and to speed up the process of genetic improvement of animals.

One-click solution for powerful function.

Minimum for sample volume is only 20μL.

Loading up to 60 samples simultaneously, it tests up to 80T/H, which enhances effciency greatly.

Besides automatic loading, open mode for thoughtful STAT function is available.

Advanced Technology

Semiconductor Laser-based Flow Cytometry provides comprehensive and accurate information for differentiation

BASO Channel
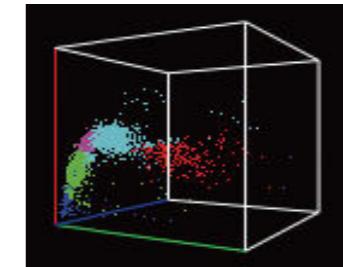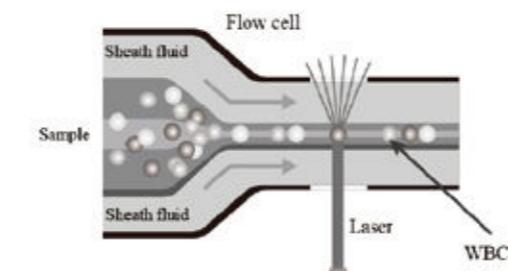
Dedicated 3D Scattergram
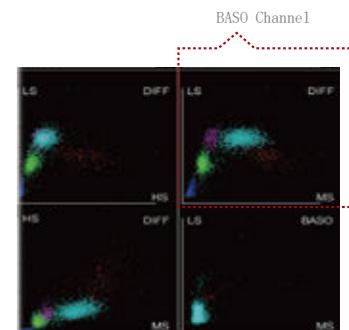
Multi-view 2D scattergrams

Multiple Choices of Species

7 species & 20 self-customized species
Development for new species is available.

Excellent Clinical Performance

The development of species has been strictly tested
Clinical performance of various species show great.
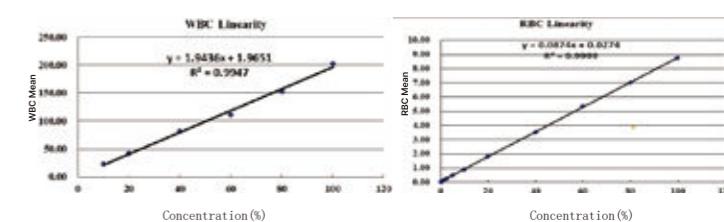
Intelligent Reagent Management

Display reagent information in real time.
Easy operation for reagent renew with RF card.

Easy Maintenance

One-button error removal and standby function are available