Poctman WetMinix WM-200

Fully automatic veterinary biochemical analyzer

The world's first strip biochemical reagent card

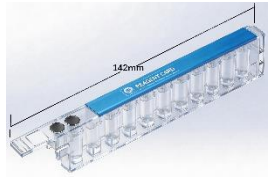
Human medical wet chemistry sets a new benchmark in veterinary testing

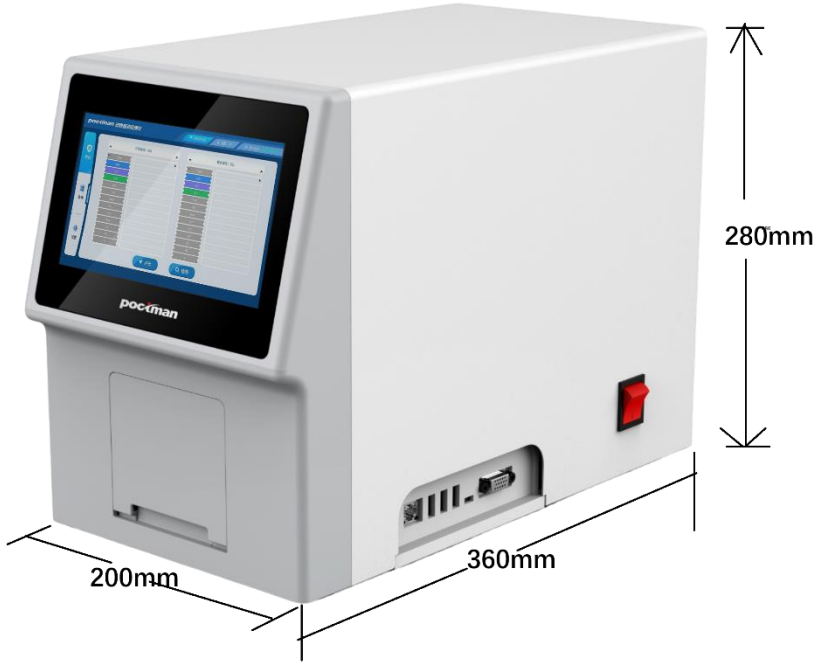
01. Human Medicine Wet Chemistry Technology

02. Dual Detection Channel Design

03. Up to 32-Parameter Package

04. Long Shelf Life of Lyophilized Reagents







Sample type： Plasma and Serum

Sample Volume:： 30-120μl

Test Speed： ≥1 test/minute

Operation：One-Touch Automation

Technical Specifications

Parameter	Specification
Detection Principle	Colorimetry, Transmission Turbidimetry
Analysis Methods	Endpoint, Kinetic, Two-point
Temperature Control	37 ± 0.3 °C
Light Source	LED (Lifetime maintenance-free)
Power Supply	220V / 50Hz
Interface	Android 7-inch Touch Screen
Data Ports	4 USB / 1 LAN / 1 RS232
Net Weight	10 kg
Repeatability (CV)	≤ 1.0% – 6%
Accuracy	Relative Deviation ≤ 10%



Reagent Panel Menu

Panel Name	Parameters Included
Comprehensive (32)	TB、DB、IBIL、DBIL/ IBIL、TBA、ALT、AST、AST/ALT、GGT、ALP、Crea、BUN、B/C、UA、Ca、PHOS、Ca* PHOS、tCO2、TP、ALB、GLOB、A/G、TC、AMY、LPS、CK、GLU、K+、Na+、Na/ K、Cl-、AG
Emergency (17)	ALT、AMY、LPS、BUN、Crea、B/C 、K+、Na+、Na/ K、Cl-、tCO2、GLU、TP、ALB、GLOB、A/G、AG
Pre-Surgical (16)	TB、ALT、AST、AST/ALT、Crea、BUN、B/C、TP、ALB、GLOB、A/G、GLU、CK、PHOS、Ca、Ca* PHOS
Exotic Pets (17)	TP，ALB，GLOB、A/G、AST，TBA，UA，CK、GLU，K+，Na+，Na/ K、PHOS，Ca，Ca* PHOS、Mg、BUN
Canine Inflammation (15)	c-CRP、TP、ALB、ALT、AST、AST/ALT、AMY、LPS、CK、Crea、BUN、TB、B/C、GLOB、A/G
Feline Inflammation (14)	f-SAA、ALB、TP、GLOB、A/G、GGT、ALT、ALP、TBA、AMY、CK、Crea、BUN、B/C
Coagulation (4)	PT、APTT、Fib、TT
Ammonia	NH_3

Storage conditions for the reagent: 2-30°C; Shelf life: 18 months

Development History of Human Medicine Wet Chemistry Technology in Pet Testing



Large Automatic Analyzers

Not Suitable for Pet Testing Scenarios



Miniaturized Analyzers

Only Feasible for Large Pet Hospitals



POCT Transformed Analyzers

Suitable for All Pet Hospitals & Clinics

Technology Comparison

Feature	POCTMAN	Dry Chemistry	Microfluidics	Evaluation
Reagent Storage	**Lyophilized Microspheres**	Lyophilized Powder	Lyophilized Microspheres	Lyophilization ensures stability.
Reaction Volume	**≈300 µl**	≈10 µl	≈50 µl	Larger volume = higher sensitivity.
Dual Reagent	**Supported**	Supported	Not Supported	Eliminates sample interference.
Reaction Medium	**Liquid (Homogeneous)**	Solid (Heterogeneous)	Liquid (Homogeneous)	Homogeneous = better precision.
Principle	**Lambert-Beer Law**	Kubelka-Munk	Lambert-Beer Law	Lambert-Beer is more universal.
Turbidimetry	**Supported**	Not Supported	Supported	Enables immunoassay tests.

Thank You for Watching

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