Easy Operation - 3 Steps



Add 100 µL sample | Insert the disc | Read the results

Diagnostic Profiles

- Full Biochemistry Panel 43
- Comprehensive Diagnostic Panel 26
- Health Check Panel 16
- Health Check Plus Panel 20
- Preanesthetic Panel 14
- Large Animal Panel 21
- Liver and Kidney Function Panel 14
- Liver Function Panel 13
- Kidney Function Panel 9
- Coagulation Panel 4
- Critical Care Panel 13
- Diabetes Panel 10
- Avian & Reptilian Panel 16
- Feline Inflammation Panel 13
- Feline Inflammation Plus Panel 16
- Canine Inflammation Panel 10
- Canine Inflammation Plus Panel 13
- Cardiac Function Auxiliary Check Panel 12
- Diabetes & Comprehensive Diagnostic Panel 20
- Blood Gas & Electrolytes Panel 17

Specification

Sample Type	Lithium-heparinized whole blood, lithium-heparinized plasma or serum	Display	7-inch capacitive touch screen, Multi-language
Sample Volume	90-120 µL (150 µL for Full Biochemistry Panel 43)	Storage	Max 500,000 results
Testing Time	8-12 mins/sample	Printer	Built-in thermal printer
Working Condition	Temperature: 10-30°C Humidity: 40%-85%	Data Transmission	Wi-Fi, LIS
QC & Calibrate	Automatic and Real-time	Size	256 (L) × 172(W) × 350(H) mm
Temperature	37°C±0.2°C	Weight	4.5 kg
Supply	AC 110-240 V, 50-60 Hz	Power Rating	120 W

LOCMEDT

Noahcali-100

Automatic Biochemistry Analyzer

Noahcali-100 is a portable biochemistry analyzer for veterinary use, providing quantitative in vitro determinations of clinical chemistry analytes in whole blood, plasma or serum. With just 3 drops of blood(90-120 µL), it can deliver up to 43 parameter results in a single test.

Small Size, More Compact
The dimensions are 17×26×35 cm, and the weight is 4.5 kg. Easy to carry.

Micro-Sample Size
Only need 90-120 µL (about 3 drops) whole blood, plasma or serum.

Easy to Operate
Pre-installed diluent and lyophilized reagent beads, only 3 steps to get the results: add the sample to disc, insert the disc, read the results.



Accurate and Fast Result
Built-in Intelligent Real-time Quality Control (IQC) system monitors the entire process to ensure the accuracy of results. Get results within 12 minutes.

Extensive Test Menu
Including biochemistry, electrolyte, coagulation and inflammation, deliver up to 43 results in the single run and more than 50 parameters in total across 20 panels.

Little Maintenance
High quality parts used, no consumable accessories inside. The xenon lamps as light source with decades of lifespan.

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20 Different Panels with more than 50 Parameters

	ALB	ALP	ALT	AMY	APTT	AST	BUN	cCRP	CHE	CK	CRE	DBIL	FIB	FRUC	fSAA	GGT	GLU	HDL-C	LAC	LDH	LPS	NH_3	pH	PHOS	PT	TBA	TBIL	TC	tCO_2	TG	TP	TT	UA	α-HBDH	Ca	Cl^-	K^+	Mg^{2+}	Na^+	GLOB*	A/G*	AG*	BUN/CRE*	AST/ALT*	α-HBDH/LDH*	IBIL*	LDL-C*	Osm*	Ca*P*	C-Ca*	Na^+/K^+*
Comprehensive Diagnostic Panel 26	ALB	ALP	ALT	AMY		AST	BUN			CK	CRE					GGT	GLU			LDH	LPS			PHOS		TBA	TBIL	TC		TG	TP		UA		Ca					GLOB*	A/G*		BUN/CRE*	AST/ALT*					Ca*P*	C-Ca*	
Health Check Panel 16	ALB	ALP	ALT	AMY			BUN			CK	CRE						GLU							PHOS			TBIL	TC			TP				Ca					GLOB*	A/G*		BUN/CRE*								
Health Check Plus Panel 20	ALB	ALP	ALT	AMY			BUN				CRE					GGT	GLU							PHOS			TBIL	TC	tCO_2		TP				Ca		K^+		Na^+	GLOB*	A/G*		BUN/CRE*								Na^+/K^+*
Preanesthetic Panel 14	ALB	ALP	ALT			AST	BUN			CK	CRE						GLU			LDH											TP								GLOB*	A/G*		BUN/CRE*	AST/ALT*							
Large Animal Panel 21	ALB	ALP				AST	BUN			CK	CRE					GGT	GLU			LDH				PHOS			TBIL			TG	TP				Ca		K^+	Mg^{2+}	Na^+	GLOB*	A/G*		BUN/CRE*								Na^+/K^+*
Liver and Kidney Function Panel 14	ALB	ALP	ALT			AST	BUN				CRE					GGT	GLU										TBIL				TP								GLOB*	A/G*		BUN/CRE*	AST/ALT*							
Liver Function Panel 13	ALB	ALP	ALT			AST										GGT										TBA	TBIL	TC			TP		UA						GLOB*	A/G*			AST/ALT*							
Kidney Function Panel 9	ALB						BUN				CRE													PHOS					tCO_2				UA		Ca		K^+						BUN/CRE*							
Coagulation Panel 4					APTT								FIB												PT							TT																			
Critical Care Panel 13			ALT	AMY			BUN		CHE		CRE						GLU					NH_3								tCO_2							Cl^-	K^+			Na^+				BUN/CRE*							Na^+/K^+*
Diabetes Panel 10			ALT	AMY		AST								FRUC			GLU		LAC		LPS							TC		TG														AST/ALT*							
Avian & Reptilian Panel 16	ALB					AST				CK							GLU							PHOS		TBA					TP		UA		Ca	Cl^-	K^+		Na^+	GLOB*	A/G*							Ca*P*		Na^+/K^+*
Feline Inflammation Panel 13	ALB	ALP		AMY			BUN				CRE				fSAA	GGT					LPS					TBA					TP								GLOB*	A/G*		BUN/CRE*								
Feline Inflammation Plus Panel 16	ALB	ALP	ALT	AMY		AST	BUN				CRE				fSAA	GGT					LPS					TBA					TP								GLOB*	A/G*		BUN/CRE*	AST/ALT*							
Canine Inflammation Panel 10	ALB			AMY			BUN	cCRP			CRE										LPS										TP								GLOB*	A/G*		BUN/CRE*								
Canine Inflammation Plus Panel 13	ALB		ALT	AMY		AST	BUN	cCRP			CRE										LPS										TP								GLOB*	A/G*		BUN/CRE*	AST/ALT*							
Cardiac Function Auxiliary Check Panel 12	ALB					AST				CK									LAC	LDH								TC		TG	TP			α-HBDH					GLOB*	A/G*				α-HBDH/LDH*						
Diabetes & Comprehensive Diagnostic Panel 20	ALB	ALP	ALT			AST	BUN				CRE			FRUC			GLU										TBIL	TC		TG	TP					Cl^-	K^+		Na^+	GLOB*	A/G*		BUN/CRE*	AST/ALT*							Na^+/K^+*
Full Biochemistry Panel 43	ALB	ALP	ALT	AMY		AST	BUN		CHE	CK	CRE	DBIL		FRUC		GGT	GLU	HDL-C	LAC	LDH	LPS			PHOS		TBA	TBIL	TC	tCO_2	TG	TP		UA	α-HBDH	Ca	Cl^-	K^+	Mg^{2+}	Na^+	GLOB*	A/G*	AG*	BUN/CRE*	AST/ALT*	α-HBDH/LDH*	IBIL*	LDL-C*	Osm*	Ca*P*	C-Ca*	Na^+/K^+*
Blood Gas & Electrolytes Panel 17							BUN				CRE						GLU		LAC				pH	PHOS					tCO_2					Ca	Cl^-	K^+	Mg^{2+}	Na^+			AG*	BUN/CRE*				Osm*	Ca*P*		Na^+/K^+*