Clinical Chemistry

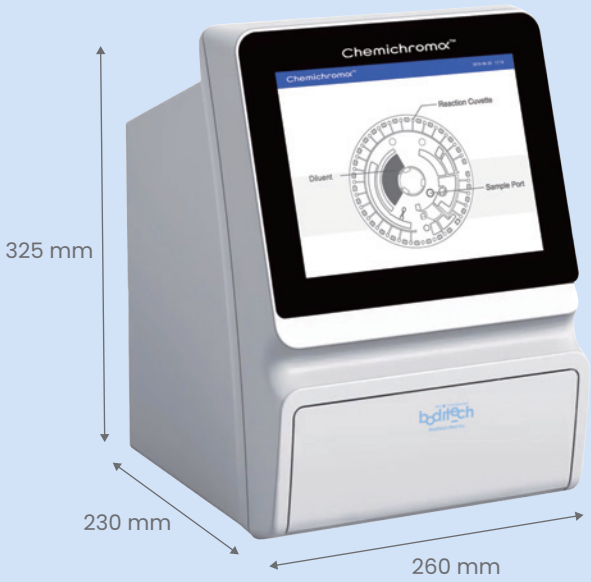
Chemichroma™

Innovation Beyond Complexity,
Performance Beyond Expectation.



BIO TECHNOLOGY boditech

* Coming soon



Chemichroma™

Chemichroma™ redefines clinical chemistry through innovation and simplicity.

Its advanced microfluidic system ensures high-quality results with ease, supporting confident decisions and better patient outcomes.

Advantage

Fully Automated Workflow
Just load and start — no manual preparation needed.

8-inch Touch Display
Simple, intuitive interface for all users.

Fast Results
Complete chemistry analysis in minutes.

High Accuracy
Reliable performance powered by microfluidic technology.

LIS Support
Smooth data transfer and easy record management.

Built-in QC
Continuous internal QC monitoring for reliable testing.

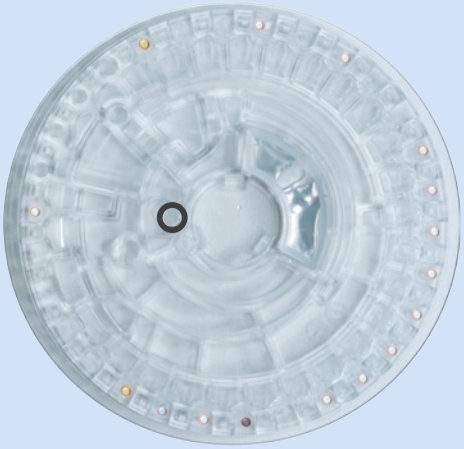
Specification

Catalog No.	FPRR058
Size	230 (W) x 260 (L) x 325 (H) mm
Weight	5.5 kg
Power input	100~240V AC, 50-60Hz
User interface	8" TFT LCD touch screen
Data output	Built-in thermal printer, External printer (Optional), USB, LIS/HIS
Operating environment	Temperature 10-30˚C, Humidity 40-85%
Connectivity	Ethernet, USB 2.0, RS-232, WLAN (Wi-Fi)
Data capacity	50,000 results (Patient/QC)
Testing principle	Absorption spectroscopy

One Disc. Infinite Possibilities

Simplify every test with a single preloaded disc
— minimal handling, maximum reliability.

Sample type	Whole blood, Serum and Plasma (Anticoagulant: Li-heparin or Na-heparin)
Sample volume	100 µL
Time to result	7-12 minutes
Pack size	10T/box
Storage	2-8 ˚C (up to 12 months)



Simple 3-Step Workflow



Add Sample

Collect 100 µL of whole blood, serum, or plasma and pipette it into the preloaded reagent disc.

Insert Disc

Place the disc into Chemichroma™ and input basic information. The analyzer automatically performs the entire process.

Read results

Within minutes, Chemichroma™ displays accurate, fully processed results — ready for review or printout.

Advantage

Smart QR Calibration

Instantly loads calibration data by scanning the QR code on the reagent package for quick and error-free testing.

Automated Separation

Built-in centrifuge allows automatic plasma separation for precise whole blood testing.

Multiplex Testing

Analyze multiple parameters simultaneously in one disc for faster, more efficient workflow.

Chemichroma™ Reagent Discs

Comprehensive chemistry testing made simple — four discs covering major clinical panels.

		General 19 (Cat# CHFP-01)	Glucose and Lipid 6 (Cat# CHFP-02)	Liver and Kidney 11 (Cat# CHFP-03)	Electrolyte 7 (Cat# CHFP-04)
Total Protein	TP	TP		TP	
Albumin	ALB	ALB		ALB	
Globulin	GLO*	GLO*		GLO*	
ALB/GLO Ratio	A/G*	A/G*		A/G*	
Alanine Aminotransferase	ALT	ALT		ALT	
Aspartate Aminotransferase	AST	AST		AST	
Gamma-Glutamyl Transferase	GGT	GGT		GGT	
Alkaline Phosphatase	ALP	ALP			
Total Bilirubin	TBIL	TBIL		TBIL	
Direct Bilirubin	DBIL	DBIL			
Indirect Bilirubin	IBIL*	IBIL*			
Uric Acid	UA	UA			
Creatinine	CREA	CRE		CRE	
Blood Urea Nitrogen	BUN	UREA		UREA	
Glucose	GLU	GLU	GLU	GLU	
Glycated Serum Protein	GSP		GSP		
Triglyceride	TG	TG	TG		
Total Cholesterol	CHOL	CHOL	CHOL		
High-Density Lipoprotein Cholesterol	HDL-C	HDL-C	HDL-C		
Low-Density Lipoprotein Cholesterol	LDL-C*	LDL-C*	LDL-C*		
Potassium	K^+				K^+
Sodium	Na^+				Na^+
Chloride	Cl^-				Cl^-
Calcium	Ca^{2+}				Ca^{2+}
Phosphorus	P				P
Magnesium	Mg^{2+}				Mg^{2+}
Carbon Dioxide	CO_2				CO_2

* Calculated test value

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