



# DRY CHEMISTRY ANALYZER DC-101

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**BAJ Pharmaceuticals**

Unit 503-505 5th Floor, Cedar Executive Bldg. II  
#26 Timog Avenue cor. Scout Tobias St.  
Brgy. Laging Handa, Quezon City 1103

Tel: 8373-0097; 8899-3433  
Telefax: 8374-3997  
Email: [sales@chemcareph.com](mailto:sales@chemcareph.com)



**Chemcare** Dry Chemistry Analyzer can perform a number of tests for clinical chemistry using test strips as a medium. As simple as 6-step procedure, results can be obtained within 1-5 minutes and can be printed using the built-in printer. With its available ports, data results can be transmitted to Laboratory Information System (LIS) for easy access of data.



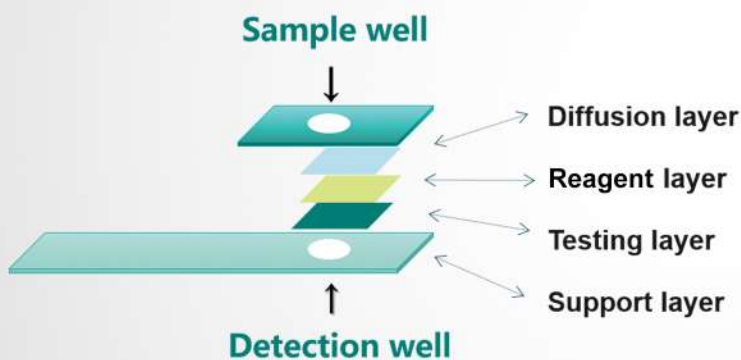
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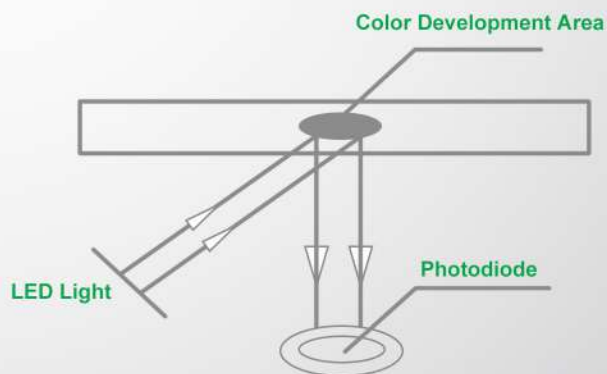
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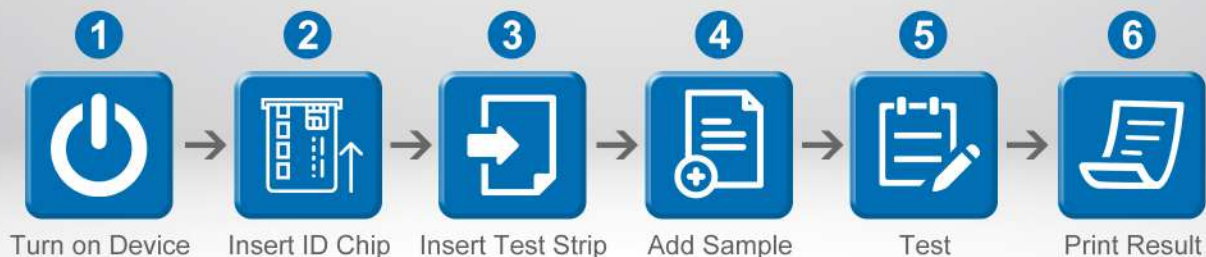


### Test Principle

The color development area of the test strip is irradiated by specific wavelength of the LED light source to measure its absorbance. The strength of the reflected signal is captured with photodiode to obtain the AD value, then the analyte concentration is measured.



### Test Procedure



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### Test Agent:

- Test Strip
- ID Chip



### Specification

Technical Parameters	
Dimensions (mm)	331 (L) x 198 (W) x 145 (H)
Light Source	LED Center Wavelength ( $\lambda$ ) = 405nm, 550nm, 610nm
Software System	Linux
Port	RS232, USB, Ethernet
Printer	Built-in
Operating Conditions	
Power Supply	AC 220V, 60Hz
Temperature	10°C - 30°C
Relative Humidity	10% - 80%
Storage	Dry, clean and flat surface

### Test Items

Category	Test Item	Reaction Time (min)	Sample Volume ( $\mu$ L)	Sample Type
Blood Glucose	GLU	2	7	Serum
Lipids	TC	2	7	Serum/Plasma
	HDL-C	3	15	Serum/Plasma
	TG	3	15	Serum/Plasma
Protein	TP	2	15	Serum/Plasma
Bilirubin	TBIL	3	15	Serum/Plasma
	DBIL	3	15	Serum/Plasma
Kidney Function	CREA	5	10	Serum
	BUN	2	7	Serum/Plasma
	UA	2	7	Serum/Plasma
Liver Function	ALT	2.5	20	Serum/Plasma
	AST	2	20	Serum
	ALB	1	7	Serum

On-going\*\* CK, LDH,  $\alpha$ -HBDH,  $\alpha$ -AMY, ChE

### Applicable to:



Hospital-based Laboratories



LGUs (City Health Office, Municipal Health Office, Rural Health Units, Barangay Health Centers)



Free-standing Laboratories



Birthing and Lying-in Clinics



Dialysis Centers



Medical Missions

\*The Chemcare Dry Chemistry Analyzer requires medical professional to perform an in-vitro diagnostics tests.

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