



Feature Highlights

- Portable and convenient
- Dried-reagent test strips stored at room temperature for ready to use
- Build-in chargeable batteries for the circumstances without power supply
- Disposable test strip prevents cross contamination
- Connect with LIS by Ethernet port for uploading test data
- Print results via external printer
- Cost effective to coagulation analysis test
- 24 Kit pack with long self-life

Configurations

- Memory: 300 test results and 12 QC test results
- Display: 3.5 inch color touch screen
- Power supply:
Adapter Input: 100-240Vac, 50/60Hz, 0.5A Max
Adapter output: 9V, 2A
Power input: 9V, 18W
- Batteries operation: Two 3.7V 18650 lithium batteries
- Batteries life: 300 complete charge-discharge cycles, depending on the frequency of use
- Printer: External serial port printer
- Dimension: 220 × 175 × 130 mm
- Weight: 850g (without batteries)

Storage and transportation conditions

Temperature: -10 °C ~50 °C
Relative humidity: 10%~90%
(without condensation)

Operation conditions

Temperature: 10 °C ~32 °C
Relative humidity: 10%~80%
(without condensation)

Test Items

Item	Sample volume	Measuring Range	Clinical Reference
PT	20µL	7-90 S	10-14 S
INR	20µL	0.5-9	0.7-1.3
APTT	20µL	18-120 S	22-38 S
TT	20µL	10-90 S	14-20 S
FIB	20µL	1.5-6 g/L	2-4 g/L
ACT	20µL	50~500 S	80-140 S

“Touching Human Lives Through Innovation”



Optical Coagulation Analyzer
OCG-102

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Optical Coagulation Analyzer

OCG-102



The first POCT coagulation analyzer that can test PT/INR, APTT, TT, FIB and ACT

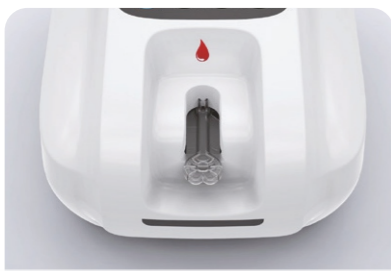
Portable	Small size (weight only 850g); Use with rechargeable battery
Convenient	One step operation, no accessory required.
Rapid	Get results within 3 mins; Short turn around time
Accurate	CV ≤ 5%



DISPOSABLE TEST STRIPS

- Dried-reagent test strips
- Room temperature storage
- Long shelf-life: 18 months

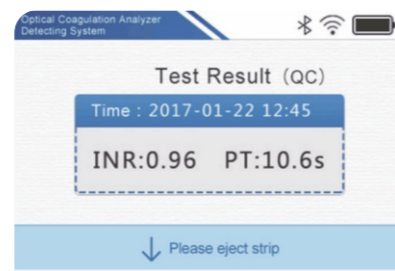
SIMPLE TEST PROCEDURE



Inserting



Dropping



Readin

• Test Item: PT/INR APTT TT FIB ACT

• Sample Type: Citrated venous whole blood, capillary whole blood

• Sample Volume: 20μL



PT/INR can be performed with fresh fingertip capillary whole blood



One drop of blood for monitoring oral anticoagulation therapy (warfarin)

- Screening test to assess the exogenous and endogenous coagulation system function
- Monitoring anticoagulant treatment
- Monitoring thrombolytic therapy
- Monitoring the patient with certain disease, such as hepatopathy, infection, burn injury



ER



ICU



Operating room



Ambulance



Warfarin clinic

