

# Optical Coagulation Analyzer (OCG-102)

for Professional Point of Care

“Touching Human Lives Through Innovation”



- PT INR
- APTT
- ACT
- TT
- FIB



**MATRIX LABS**  
HEALTHCARE SOLUTIONS

# Optical Coagulation Analyzer (OCG-102)

for Professional Point of Care

## 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
- Stable external QC control
- Connect with LIS by Ethernet port for uploading test data
- Print results via external printer
- Cost effective to coagulation analysis test

## Storage and transportation conditions

Temperature: -10 °C ~50 °C

Relative humidity: 10%~90%  
(without condensation)

## Specifications



## 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)

## Operation conditions

Temperature: 10 °C ~32 °C

Relative humidity: 10%~80%  
(without condensation)

Test item: PT INR/APTT/ACT/TT/FIB

Sample type: Citrated venous whole blood

Sample volume: 20 µL

Time to result: ≤5 minutes

Precision: CV≤5%

### Matrix Labs

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