

VivaChek Ino Blood Glucose Monitoring System

The VivaChek Ino Blood Glucose Monitoring System(VGM01) is a quantitative assay for the detection of glucose in fresh capillary whole blood sampled from the fingertip, palm, and/or forearm. The glucose measurement is achieved by using amperometric detection method. The system consists of test strips, control solutions, meter, lancing device and lancets. Below is a summary of technical specification for the system.

System	VivaChek Ino Blood Glucose Monitoring System
Meter	VivaChek Ino Blood Glucose Meter(VGM01)
Strip	VivaChek Ino Blood Glucose Strip(VGS01)
Detection Technology	Amperometric Electrochemical
Enzyme	Glucose Oxidase
Coding	No coding (Auto Coding)
Electrode	Carbon
Measurement Range	10-600 mg/dL (0.6-33.3 mmol/L)
Test Time	5s
Sample Volume	0.5 uL
Calibration	Plasma Equivalent
Hematocrit Range	20%-70%
Insufficient Sample	Error message
Control Recognition	Auto Recognition
Strip Open Vial Stability	6 months from first open
Strip Closed Vial Stability	24 months (from DOM)
Strip Storage Temperature	2°C - 30°C
Operating Temperature	5°C - 45°C
Operating Relative Humidity	10-90% R.H.
Precision	≤5%CV
Accuracy	Within +/-15% (95% data pts)
Sample - Capillary	Yes
AST - Palm	Yes
AST - Forearm	Yes
Meter Memory	Up to 900 records with date and time
Day Average	7,14 and 30 day average

Hypo & Hyper Indicator	Yes
Test Reminder	5 test reminders
Meal Marker	Yes
Meter Auto Power Off	120s after no operation; Immediately after strip removal
Battery Type	One (1) CR 2032 3.0 V coin cell batteries
Battery Life	12 months or approximately 1,000 tests
Strip Ejector	Yes
Communication	USB