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 Ver.2/March 2012

SAMSUNG SMART BLOOD ANALYZER
CLINICAL CHEMISTRY ANALYZER



Samsung
LABGEO PT10
 7 minutes is all it takes



LABGEO PA20
 IMMUNOASSAY ANALYZER



LABGEO HC10
 HEMATOLOGY ANALYZER



LABGEO IB10
 IMMUNOASSAY ANALYZER



Save Time, Save Life

Samsung leads the way
in medical innovation
to provide time-efficient solutions

Introducing Samsung's latest medical innovation, Samsung LABGEO PT10 saves time for clinicians and patients through fast, easy and accurate blood analysis.

LABGEO PT10 is a portable clinical chemistry analyzer that meets the needs of clinics while providing a smart solution to improve efficiency.



FAST

Test to Results within 7 minutes - made possible with LABGEO PT10

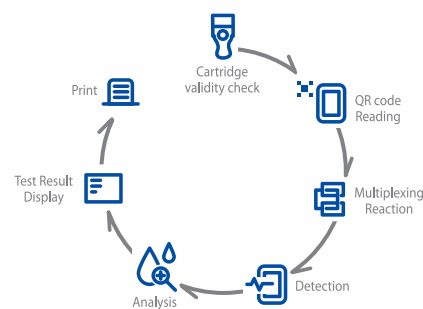
Rapid Test Results

Allows rapid and accurate diagnosis within clinics

Simple & Fully Automated Operation

Easy application of blood sample and loading of test cartridges

Automated plasma separation eliminates the need for pre-centrifugation



Multi-Parameter Testing

Optimized combination of up to 15 test parameters enables fast and accurate diagnosis

Test-specific cartridges including liver function, renal function, lipid profile and overall biochemical profile allows multiple disease screening



EASY

Easy and automated testing process maximizes convenience for clinicians and patients

Convenient Testing with Only 70µl of Blood

Small sample volume requirement makes testing more convenient and less burdensome for pediatric and elderly patients

Intuitive UI

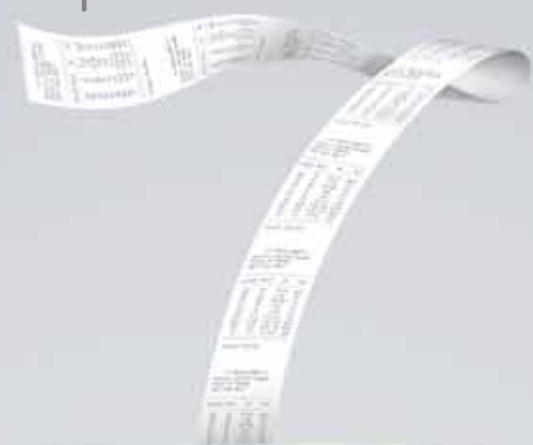
Intuitive, user-friendly UI facilitates convenience and enhances user experience

Room Temperature Storage

Cartridge storage at room temperature allows easy storage

Large Built-in Memory

Internal storage capacity of up to 5,000 test results enables immediate access to data



ACCURATE +

Accurate test results bring certainty to a diagnosis and greater patient trust

Clinically-proven Accuracy

95% correlation with central laboratory analyzer

Built-in EQC Chip

Monitors and regulates optic module with EQC chip

Built-in Self-diagnostic Capability

Automatically scans for abnormalities

Built-in Self-calibration Capability

Self-calibration through QR code recognition



KEY FEATURES

Size & Weight	140 x 206 x 205 mm, 2kg
Display	4.3 inch Touch panel
Printer	Built-in thermal printer
Interface	Ethernet, USB 2.0 port
Power Supply	AC adapter (output DC 19V, 4.74A, 90W)

CARTRIDGE CONFIGURATION

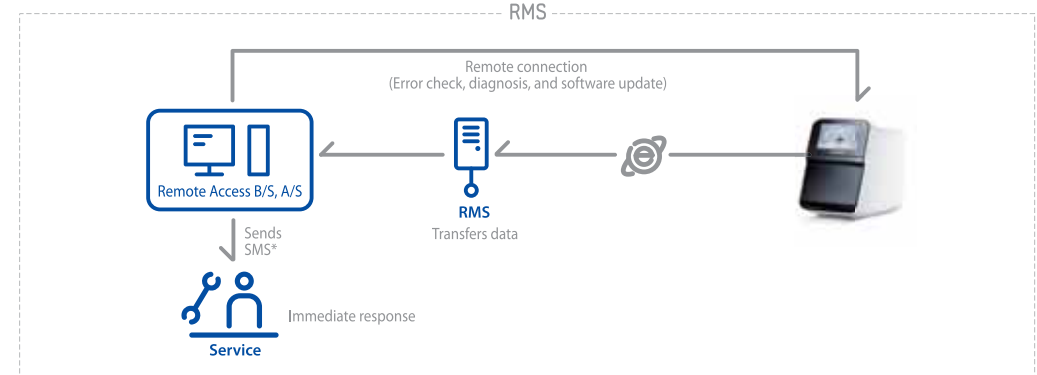
Hepatic Test 9	AST ALT ALP GGT TBIL DBIL ALB TP GLU
Lipid Test 5	GLU CHOL TG HDL (LDL)
Renal Test 6	GLU BUN CREA Na K Cl
Liver-Kidney Test 14	AST ALT ALP GGT TBIL DBIL ALB TP GLU BUN CREA Na K Cl
Biochemistry Test 9	AST ALT GGT GLU CREA CHOL TG HDL (LDL)
Biochemistry Test 15	AST ALT ALP GGT TBIL ALB TP GLU BUN CREA CHOL TG HDL AMY (LDL)
BMP Test	GLU CRE BUN K Na Cl tCO ₂ Ca
CMP Test	GLU CRE BUN K Na Cl tCO ₂ Ca AST ALT TBIL ALB TP
Electrolyte Test 4	Na K Cl tCO ₂

* Cartridge configuration may vary between countries

COMMON FEATURE

Proactive Customer Service

Real-time equipment status checks, immediate response to errors by a service team



* SMS service availability may vary between countries

IT Solution

Connect to a local PC for efficient database management and automatic software updates

