

Samsung Electronics Co., Ltd. inspires the world and shapes the future with transformative ideas and technologies, redefining the worlds of TVs, smartphones, wearable devices, tablets, cameras, digital appliances, printers, medical equipment, network systems, and semiconductor and LED solutions. We are also leading in the Internet of Things space through, among others, our Smart Home and Digital Health initiatives

We employ 307,000 people across 84 countries with annual sales of US \$196 billion. To discover more, please visit our official website at www.samsung.com and our official blog at global.samsungtomorrow.com

CT-LABGEO PT10 4.4-150605-EN

Thermo Fisher Scientific is the global collaboration partner of Samsung for commercialization and co-development of innovative solutions in the POC testing market. Together we provide excellent expertise in clinical diagnostics to fulfill customer needs and improve patient management.



Samsung LABGEO HC10

HEMATOLOGY ANALYZER



Samsung LABGEO IB10

IMMUNOASSAY ANALYZER

SAMSUNG SMART BLOOD ANALYZER

CLINICAL CHEMISTRY ANALYZER

Samsung LABGEO PT10

7 minutes is all it takes



SAMSUNG

© 2015 Samsung Electronics All rights reserved.
Samsung Electronics reserves the right to modify the design, packaging, specifications, and features shown herein, without prior notice or obligation.

SAMSUNG

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.

Samsung 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 Samsung LABGEO^{PT10}

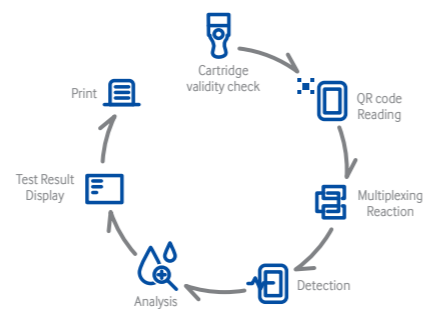
🕒 Rapid Test Results

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 multi-parameters enables fast and accurate diagnosis

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

70µl



EASY

Easy and automated testing process maximizes convenience for clinicians and patients

💧 Convenient Testing with Only 70µl of Blood

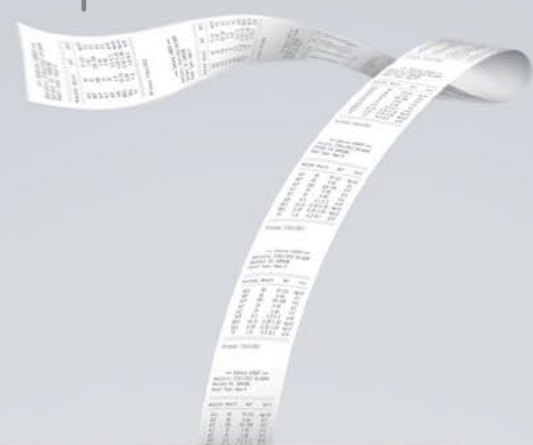
Small sample volume requirement makes testing more convenient and less burdensome for pediatric and elderly patients

👁️ Intuitive UI

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





📁 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

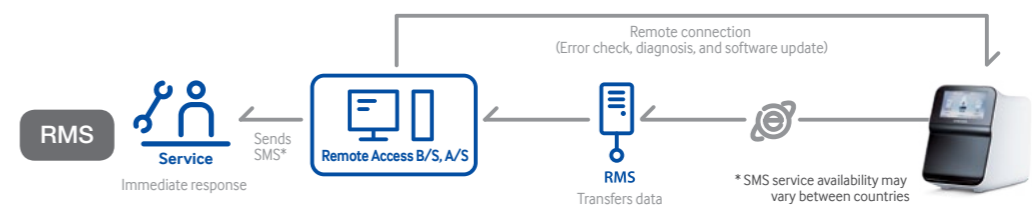
Ref. Code	Product Name	Analytes	Remark
IVR-PT01	Samsung LABGEO ^{PT} Hepatic Test 9	AST ALT ALP GGT TBIL DBIL ALB TP GLU	
IVR-PT03	Samsung LABGEO ^{PT} Lipid Test 5	GLU CHOL TG HDL (LDL)	
IVR-PT04	Samsung PT Wellness Test 9	AST ALT GGT TBIL BUN CREA AMY CHOL GLU	
IVR-PT05	Samsung LABGEO ^{PT} Biochemistry Test 9	AST ALT GGT GLU CREA CHOL TG HDL (LDL)	
IVR-PT07	Samsung LABGEO ^{PT} HbA1c Test	HbA1c	
IVR-PT02	Samsung LABGEO ^{PT} Renal Test 6	GLU BUN CREA Na K Cl	Currently under development

* Product availability may vary by country and is subject to change without prior notice.

SMART HEALTHCARE

Proactive Customer Service

RMS (Remote Management System) provides real-time service through equipment status checks and immediate response to errors from a service team



IT Solution

Connects to HIS (Hospital Information System), PC, and Mobile phone / device for efficient database management

