

Samsung PT10V Clinical Chemistry



About the Samsung PT10V

Welcome to the newest innovation in point-of-care clinical chemistry, the Samsung PT10V Clinical Chemistry Analyzer, brought to you exclusively by scil animal care a division of Henry Schein Animal Health. This revolutionary microfluidics technology allows for easy, fast and accurate results utilizing only 70µL of sample. The Samsung PT10V can run a variety of panels including comprehensive testing, pre-surgical and electrolytes. The intuitive menu navigation facilitates everyday use, even in emergency situations. The Samsung PT10V supports accurate and rapid in-house diagnostics in your practice with results in 7 - 10 minutes.

Features & Benefits

- **Fast Measurement Results:** In only 7 - 10 minutes the Samsung PT10V determines up to 16 parameters with pre-configured test cartridges
- **Small Sample Volume:** 70 µL of sample volume is sufficient for a complete analysis. The Samsung PT10V determines the measurement results with only one drop of serum or plasma
- **Easy Handling:** The intuitive user interface is simple and straightforward with a touch-screen-display. Follow only three steps on the 4.3 inch display for a measurement.
- **Internal Data Storage:** The Samsung PT10V stores up to 5,000 test results.
- **Data Transmission on all Channels -** Whether analogue or digital, the Samsung PT10V transmits the measurement results on all channels. The internal printer delivers the results in black and white. The bi-directional connection allows optimal data transmission to your practice management software
- **Take the measurement results of the Samsung PT10V mobile on your tablet or smart phone!** Using the Samsung LABGEO Mobile App you can review and present the results to the pet owner where ever you are in your clinic or practice. Check the test results on your tablet or smart phone, make a clinical recommendations and check your consumption of test cartridges easily and at any time.



Technical Data

- **Measurement Time:** 7 - 10 minutes; depending on the test cartridge
- **Sample Material:** Serum or Plasma
- **Sample Volume:** 70 µL
- **Handling:** Intuitive user handling with an 4.3" TFT-LCD Color Touch Screen
- **Data Storage:** 5.000 measurement results
- **Power Supply:** 100 - 240 V
- **Measurement Result:** Display on the touch-screen and printout
- **Interface:** USB, LAN, WLAN
- **Dimensions:** 8.1" D x 5.5" W x 8.1" H
- **Weight:** 4.4 lbs

Test Menu

- **Comprehensive Test:** GLU, BUN, CREA, B/C ratio*, PHOS, CA, TP, ALB, GLOB*, A/G ratio*, ALT, ALP, TBIL, CHOL, TRIG, AMY
- **Electrolyte Test:** Na, K, Cl, Na/K ratio*
- **Kidney Test:** GLU, BUN, CREA, B/C ratio*, PHOS, CA, ALB, AMY
- **Large Animal Test:** GLU, BUN, CREA, B/C ratio*, TP, ALB, GLOB*, A/G ratio*, AST, ALP, GGT, TBIL, CK
- **Liver Test:** GLU, BUN, TP, ALB, GLOB*, A/G ratio*, ALT, AST, ALP, GGT, TBIL
- **Pre-Surgical Test:** GLU, BUN, CREA, B/C ratio*, TP, ALB, GLOB*, A/G ratio*, ALT, ALP

*Calculated parameter



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