

# Premiere<sup>®</sup> Plus

A New Level Of Sophistication  
In Clinical Chemistry Systems



STANBIO<sup>™</sup>

# Premiere® Plus

## A New Level Of Sophistication In Clinical Chemistry Analysis

The Premiere® Plus is a compact, filter photometer featuring a state-of-the-art microprocessor. Special features make test sampling with the Premiere® Plus affordable and convenient.

Test samples are read using economical, disposable cuvettes, and reagent consumption is further minimized using the optional flowcell module.

Convenience features such as our built-in incubator and auto-blanking save time and money.



Premiere® Plus with optional flowcell module

### Easy To Use.

Even with a full line of sophisticated new features, the Premiere® Plus is user-friendly, and offers a wide range of test flexibility.

Easy-to-follow instructions are displayed directly on the screen for each test, with additional technical support provided through our detailed operating manual.

### Convenience And Flexibility.

The analyzer is equipped to handle endpoint, kinetic and EIA assays. Our open system format accommodates 60 programs – 31 user-defined assays, and for added convenience, all 29 Stanbio routine chemistries are programmed into the Premiere® Plus.

### Specialty Assays.

The Premiere® Plus contains a Cardiac Risk program which automatically assesses the patient's lipid profile into one of three categories: High Risk, Moderate Risk or Low Risk.

For glucose monitoring of the diabetic patient, our easy to perform Glycohemoglobin assay is also included with step by step instructions displayed on the screen.

In addition, the analyzer can be programmed to perform tests such as T3, T4, FSH, TSH, Theophylline and Digoxin.

### Accurate Results.

The analyzer completes all necessary calculations and displays patient results in a user defined format.

Printed results eliminate manual calculations and provide hard-copy patient results. And the Premiere® Plus makes it possible to have test results within minutes.

### Reliable Performance.

The Premiere® Plus delivers hospital quality results through the use of a bichromatic optical system which eliminates interferences caused by sample or cuvette quality.

### The Perfect System.

Our complete line of clinical chemistry reagents offers the latest in clinical methodologies and product features. Together, the Premiere® Plus and Stanbio reagents offer the perfect system for today's laboratory.

### A Tradition Of Quality.

From our beginning in 1960, Stanbio Laboratory continues to expand its worldwide reputation for providing clinical laboratories with top quality diagnostic products and services.

For more information on the Premiere® Plus, contact your Stanbio Distributor or Stanbio Laboratory.

### Pre-Programmed Assays

- |                         |                     |
|-------------------------|---------------------|
| 1) Creatinine           | 16) LDH             |
| 2) Iron                 | 17) CPK             |
| 3) Chloride             | 18) Triglyceride    |
| 4) Calcium              | 19) Alk. Phos.      |
| 5) Phosphorus           | 20) SGOT/AST        |
| 6) Cholesterol          | 21) SGPT/ALT        |
| 7) Magnesium            | 22) Acid Phos.      |
| 8) Albumin              | 23) Potassium       |
| 9) Total Protein        | 24) Hemoglobin      |
| 10) Bilirubin           | 25) CK-MB           |
| 11) Bun (Urea Nitrogen) | 26) Gamma-GT        |
| 12) Glucose Oxi         | 27) Amylase         |
| 13) Glucose Hex         | 28) Cardiac Risk    |
| 14) Uric Acid           | 29) Glycohemoglobin |
| 15) HDL Cholesterol     |                     |

30-60 open channels for user-defined assays

### Technical Specifications

**Calculation Modes:** Single point calibration by standard or factor, uptake, multi-point calibration with point to point curve fit, rate by standard or factor (batch or single)

**Light Source:** Tungsten halogen lamp with lamp saver feature

**Standard Wavelength:** 340, 405, 450, 505, 550, 600nm.

**Type of Filter:** 3 cavity sealed interference, 10nm half bandpass

**Absorption Range:** 0.00 to 2.20 Abs. units

**Photometric Accuracy:** +/- (1% of the reading + 0.005 Abs.)

**Stability:** Drift of no more than 0.005 Abs. in 8 hours

**Tube Size:** 12mm round

**Minimum Fill Volume:** 1mL

**Display:** Alpha Numeric, 16-character red LED

**Printer:** Thermal, dot matrix, 20-characters per line

**Keyboard:** 16-Key, enunciating membrane switch, 4 X 4

**Incubation Block:** 12-station, automatic, 37°C

**Reading Well:** 37°C or ambient temperature on/off switch

**Flowcell System (optional):** Vacuum pump, 80 Microliter-Flowcell with adjustable sipping volume (250 - 500uL)

**Fuse Requirements:** 120 VAC, 0.6A, 3AG slow blow

**Power Requirements:** 120 V or 240 VAC, 50 - 60 Hz (switch selectable)

**Dimensions:** 9 x 12 x 3 inches (23 x 30 x 8 cm)

**Weight:** 10 lbs. (4.6 kgs.)

DISTRIBUTED BY:

To order, or for more information, call: U.S. Toll-free 1-800-531-5535 or (210) 222-2108  
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