

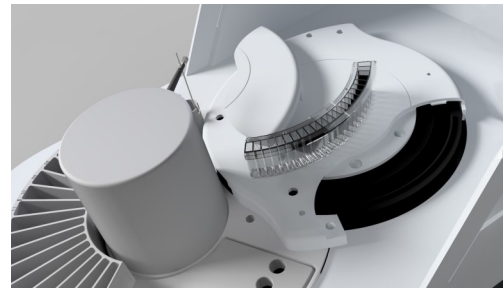
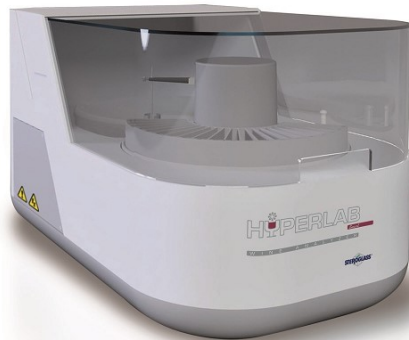
*We are proud to introduce you: **HYPERLAB SMART***

## The revolution in Enzymatic Analysis!!!

HYPERLAB

Smart

STEROGLOSS®



### ***The new born on Hyperlab multiparametric analyzers made by Steroglass!!!***

**Some features:**

- Dimensions: 40x60x38 cm, **ULTRACOMPACT!!!**
- 10 reagent positions with 20 samples or alternatively 20 reagent positions and 10 samples;
- 4 reaction sectors of 24 cuvettes, 150 tests / h, **QUICK ANALYSIS!!!**
- Can be used 10 minutes after switching on;
- Same dilution system of Hyperlab Plus and Basic, **EXTREMELY ACCURATE!!!**
- Minimum consumption of water;
- Steel needle;
- **MAINTENANCE FREE!!!**
- Same software of Hyperlab Plus and Basic (3 reagents management, visualization of kinetic, calibration equation, etc ...), **EASY TO USE!!!**
- Possible management of multiple Smart from a single PC;
- **CHEAP!!!**
- Control of insertion / use of cuvettes;
- Etc...

Steroglass S.r.l.  
Strada Romano di Sopra 2/C  
06132 San Martino in Campo (PG)  
ITALY

STEROGLOSS®

STEROGLOSS SRL

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## Some parameters available:

**ACETALDEHYDE, ACETIC ACID, AMMONIACAL AND  $\alpha$ -AMMINIC NITROGEN, ANTHOCYANS, CALCIUM, CATECHINS, CHLORIDES, CITRIC ACID, COLOUR, CUPPER, D-GLUCONIC ACID, D and L ALACTIC ACID, D and L MALIC ACID, ETHANOL (up 2%Vol) GLUCOSE/FRUCTOSE, GLYCEROL, IRON, L-ASCORBIC ACID, MAGNESIUM, POTASSIUM, PROTEIN STABILITY (on wine) PYRVIC ACID, SO2 FREE and TOTAL, SUCROSE, TARTARIC ACID, TOTAL POLYPHENOLS.**

## **Technical specifications:**

### **SIZE / WEIGHT**

Height: 40 cm (15.7 in); Weight: 20 kg (41.8 lbs); Depth: 60 cm (23.6 in); Width: 38 cm (14.9 in)

### **POWER SUPPLY**

100 - 240 Vac, 50 / 60 Hz, single phase with ground

### **SAMPLING ARM**

1 sampling needle, 75 mm needle stroke; Capacitive liquid level detector

### **DILUTER SYRINGE**

Long life plunger; Syringe capacity, 368 ml; Syringe resolution, 0.07  $\mu$ L;

### **REAGENTS TRAY**

Removable reagent rack 20 bottle, 38 mL or 15 mL; Optional multiple reagent trays with worklist automatically managed by software

### **SAMPLES TRAY**

Removable tray, 10 numbered positions, tubes of 12 - 13 mm, 5 - 7 mL/ cups of 1 mL;

Optional configuration: 10 reagent positions and 20 sample positions

### **CUVETTE ROTOR**

4 reaction segments of 24, single use, optical cuvettes, total 96

### **REACTION CELLS**

Optical path 9.5 mm, 275 - 500  $\mu$ L reaction volume

### **OPTICAL GROUP**

1 halogen lamp (6 V, 10 W) with extended UV emission; 10-position filter disk

### **PIPETTING**

Volume: sample, 2 - 300  $\mu$ L; reagent, 2-350  $\mu$ L; Precision: 1.5 CV% at 2  $\mu$ L; 1 CV% at 4  $\mu$ L

### **REACTION**

Reaction volume, 300 - 500  $\mu$ L; Automatic test repetition with dilution

### **MAINTENANCE**

Procedures programmed by component life counters; Simple yearly maintenance procedure

### **REPORTS**

Automatic sample reports upon test completion; Single test, complete sample, work sheet, method and QCs

### **NEEDLE**

Sampling needle washed internally and externally

### **TEST METHODS**

Unlimited number of methods in PC memory; up to 100 active methods

### **EXTERNAL COMPUTER, minimum requirements:**

Intel I3 family, 4GB Ram; Microsoft Windows® 7 or 10

USB port for analyser connection; Ethernet LAN port for LIS host communication;

External Laser A4 printer suggested; Software designed even for touch screen monitor

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