



**BLUE SUN**  
SCIENTIFIC



# Wine Analyzers

# Hyperlab Smart



## Multi Parameter Analyzer

- ✓ 20 sample capacity
- ✓ Up to 150 analyses per hour
- ✓ Compact and affordable
- ✓ No experience required
- ✓ Compatible with our enzymatic kits

## Operation



Daily operation of the Hyperlab Smart is fast and easy. Start up takes less than 10 minutes. Daily worklists can be programmed in under 10 minutes using the hyperlab software which has been designed for ease of use.

Ongoing monitor screens and qc protocols have been integrated into the software so that you can have confidence in your instrument's performance and trust the results.

This highly precise system has helped wine makers all over the world produce consistent, high quality wines.

## Parameters

Acetylaldehyde	Catechins	Ethanol	Lactic acid	Potassium
Acetic acid	Chloride	Glycerine	Magnesium	R.A.N.
Ascorbic acid	Citric acid	Gluconic acid	Malic acids	SO2 free + total
Anthocyanins	Colour	Iron	Pyruvic acid	Sugars
Calcium	Copper	Iso-citric acid	Polyphenols	Tartaric acid

# Hyperlab Plus



## Multi Parameter Analyzer

- ✓ 60 sample capacity
- ✓ Up to 200 analyses per hour
- ✓ Rugged and robust
- ✓ Integrated wash station
- ✓ Compatible with our enzymatic kits

## Operation



Similar to the Hyperlab Smart, up takes less than 10 minutes. Daily worklists can be programmed in under 10 minutes using the Hyperlab software which has been designed for ease of use.

An integrated wash stations, performs a wash and QC on reaction cuvettes, reducing lab costs and operator time spent at the instrument.

Our most automated solution, the Hyperlab Plus can run unattended for 300+ analyses.

## Parameters

Acetylaldehyde	Catechins	Ethanol	Lactic acid	Potassium
Acetic acid	Chloride	Glycerine	Magnesium	R.A.N.
Ascorbic acid	Citric acid	Gluconic acid	Malic acids	SO2 free + total
Anthocyanins	Colour	Iron	Pyruvic acid	Sugars
Calcium	Copper	Iso-citric acid	Polyphenols	Tartaric acid

# FlowSys SO2



## High Throughput SO2 Analyzer

- ✓ 104 or 200 autosampler capacity
- ✓ Up to 90 analyses per hour
- ✓ Multi-channel configuration
- ✓ In-line sample preparation
- ✓ No scientific background required

## Operation

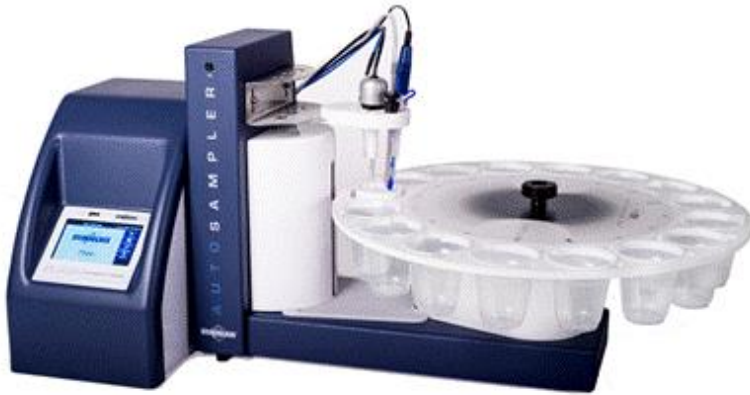
The FlowSys SO2 continuous flow analyzer, helps winemakers and wine labs streamline SO2 testing to ensure quality at multiple stages of production.

The independent channels can be controlled via a color touch screen or managed by an externally connected pc.

A macro/micro flow option helps reduce reagent use during start up and idling and real time data graphics show results as they are captured.



# Automatic Flash Titrator



## Automatic Titrator

- ✓ Analyze pH, total acidity and total + free SO<sub>2</sub>
- ✓ 16 or 35 autosampler capacity
- ✓ Color touch screen display
- ✓ Data export to USB or CSV

## Operation

The Automatic Flash Titrator is a compact tool, upgradable over time, for the most varied laboratory needs.

Simple to use, the color touch screen graphic display contains all the messages and icons that make the Flash titrator very easy to use.

The titrator guides the user in every phase of programming, analysis and interpretation of data, including pH, Total Acidity, Free & Total Sulfur Dioxide, Formol Number, Volatile Acids, Reducing Sugars, and many more.





## Enzymatic Wine Kits

- ✓ Designed for Hyperlab
- ✓ Pre-programmed methods
- ✓ Stable and reproducible
- ✓ Long shelf life
- ✓ Export support available

## Available Kits

Acetylaldehyde

Acetic Acid

Ascorbic Acid

Anthocyanins

Calcium

Catechins

Chloride

Citric Acid

Colour

Copper

Ethanol

Glycerine

Gluconic Acid

Iron

Iso-Citric Acid

Lactic Acid

Magnesium

Malic Acids

Pyruvic Acid

Polyphenols

Potassium

R.A.N.

SO2 Free + Total

Sugars

Tartaric Acid