

# Instrumentation

	<p><i>Microplate Luminometer</i> <span style="float: right;">Catalog # MPL1</span></p> <p><b>MPL1 Microplate Luminometer</b></p> <p>The MPL1 Microplate Luminometer is an affordable but high quality instrument with basic functionality. It incorporates all important functions necessary to perform glow luminescence measurements and it is suitable for all applications which require a very high dynamic range, but not extremely high sensitivity. Due to the concentration on the few critical functionalities, the instrument is available for a very attractive price. CE certified.</p>
	<p><i>Microplate Luminometer</i> <span style="float: right;">Catalog # LUMI</span></p> <p>Detection Mode, Glow luminescence  Vessel, Single, double, or break apart strips, up to 12 wells, 36 well loading capacity  Plate Format, Common strip carrier can hold three 12-well strips or three 8-well Strip  Cross talk Less than <math>2.5 \times 10^{-4}</math>  Detector Photomultiplier (PMT) Spectral Response Range 300-650 nm  Peak Wavelength 400 nm  Sensitivity/Detection limit HRP 1-18 x 10, Linear Dynamic, -21 ALP 1x10, other tests pending  Range 106</p>
	<p><i>Chemistry Analyzer</i> <span style="float: right;">Catalog # Stat Fax 3300</span></p> <p>Stability: Drift of no more than 0.005 A in 8 hours  Tube of Cuvette: -0.2 to -2.5 absorbance  Filter Types: Ultra Long Life Multiple Cavity IAD hard Coat : z180  Program Memory: 1 Megabit  Processor RAM: 32K Byte  Illuminated Volume: 21 UI  Aspiration Volume: Programmable 250UI-750UI  Optional External Heat Block: 18 Wells, Controlled Temp @37° C  Optional Read Cell Cooling: Peltier Cooling System-Cell Only</p>
	<p><i>Microplate Reader</i> <span style="float: right;">Catalog # SF 2100</span></p> <p><b>Stat Fax 2100 Microplate Reader</b></p> <p>Fully Automatic. Bichromatic optics. Standard model includes four filters; six filters are available for a nominal charge. Onboard data reduction calculations include regressions, curve fitting and cutoff absorbance calculations with step-by-step user prompting. Large, non-volatile memory stores at least 50 user tests. Includes parallel and serial outputs. Operates with or without a computer. A bi-directional accessory is available for linking to IBM compatible computer. NRTL and CE certified.</p>
	<p><i>Incubator/Shaker</i> <span style="float: right;">Catalog # SF 2200</span></p> <p><b>Stat Fax 2200 Incubator/Shaker</b></p> <p>Holds two 96 well microplates. Digitally controlled 8-speed shaker with orbital mixing from 575 to 1500 rpm. Temperature adjustable from ambient to 40°C with resolution of 0.1°C. Digital timer controls shaking or can be operated independently as a timer. Compact and easy to operate. Outer tinted cover provides further insulation and protection from light. NRTL and CE certified.</p>

# Instrumentation



## *Incubator/Shaker*

Catalog # SF 303

### **Stat Fax 303+Microstrip Reader**

Automatic strip transportation. 3-strip loading capacity or break-apart, single, and double strips. The carriers come in two styles, 3x12 for break-apart microwell strips, and an optional 3x8 for non-break-apart microwell strips. Bichromatic optics. Standard model includes four filters; six filters are available for a nominal charge. Easy to use with step-by-step prompting and on-board graphics printer, log-logit mode and other programming enhancements. On-board software calculates single & multi-point calibration curves, regressions & a variety of cutoff options. Large non-volatile memory stores more than 50 user entered tests. NRTL and CE certified



## *Microplate Washer*

Catalog # SF 2600

### **Stat Fax 2600 Microplate Washer**

Fully automatic. Washes flat, round, V-bottom plates and strips. No user adjustments required. Automatic calibration, alignment, and last row detection. Large, non-volatile memory stores at least 50 user wash protocols, Precision operation with constant monitoring of vacuum and pressure. Pump cycles only when necessary for quiet operation. Programmable automatic rinse cycle. Ready to run: bottles, aerosol shield, 8-way manifold included. 12 and 16 position wash heads available as accessories. NRTL and CE certified.



## *Microplate Reader & Printer*

Catalog # SF 3200P

### **Stat Fax 3200 Microplate Reader with optional on-board printer**

Fully automatic. Bichromatic optics. Standard model includes four filters; six filters are available for a nominal charge. On-board data reduction calculations include regressions, curve fitting and cut off absorbance calculations with step-by-step user prompting. Large, non-volatile memory stores over 100 user tests. Includes parallel and serial outputs. New larger display with graphics capability. Optional on-board printer. NRTL and CE certified.



## *Microwell Washer*

Catalog # SWASH

### **Stat Wash Microwell Washer**

No more squirt bottle washing. Reduce exposure to the potential dangers of splashing biohazards with Stat Wash™, an economical instrument designed to wash immunoassays in microwell strips and plates with professional precision. Washing 8 wells simultaneously is faster too. Aspirating and dispensing are controlled by push buttons. Easy to use and maintain, Stat Wash™ includes an 8-probe manifold, a 1L wash bottle, and a 1L safe plastic bottle with a full sensor. Stat Wash™ is CE Certified.



## *Chemistry Analyser*

Catalog # SF1904P

### **Stat Fax Chemistry Analyzer**

Bichromatic optics. Six filters standard. Easy to use with step-by-step prompting and on-board graphics printer. 12 station 37°C incubation block and temperature controlled read well. Cuvette size is 12mm by 75mm. Performs both end point and kinetic assays. Large non-volatile memory stores approximately 60 user programs. With Mosquito™ flowcell accessory you can read volumes as small as 250 microliters. CE certified.