

AUTOTURB³

MICROBIOLOGICAL ASSAY SYSTEM

EFFICIENCY and DEPENDABILITY

The Autoturb³ System is designed to analyze the potency of antibiotics, vitamins and related substances. This system consists of two modules in one package and can be used to assay virtually all know antibiotics.

OPERATIONAL FEATURES

- **Reader and Diluter Module in one package**
 - Automatically prepares the required dilution of the sample and the standard reference substance with an inoculated liquid growth medium.
 - The Spectrophotometer displays a digital indication of turbidity of the killed suspension in each sample.
 - **The Incubation Module for media growth temperature control (Optional)**
 - This unit operates at the exact temperature to enhance growth of the test micro-organisms.
 - Specifications and Pricing available on request.
 - **Space Saving:** Compact, self-contained and required minimal laboratory space.
 - **Data Display:** Spectrophotometer's digital display with a hard copy print-out and .xml file creation of the assay results.
 - **Accuracy:** Clinical Trials have demonstrated dispensing repeatability to be 98%.+
 - **Data Validation:** Results reliability is easily confirmed by a blue dye test.
 - **Data Output:** .XML data file creation and RS232-C serial port connection is provided for data capture and transfer.
 - **Low Maintenance:** Micro-processor controlled circuitry and built-in self diagnostic routine.
- SUPPORT:**
- Engineering, CAD and Customization of machinery.
 - One-off prototype and replacement parts.
 - Validation services for cGMP compliance.
 - On-site field service and training.
 - Toll-free Technical Support



STI AUTOTURB₃- TECHNICAL SPECIFICATIONS

Construction:	Finished in scratch and chemical resistant Powdercoat and stainless steel.		
Compressed Air:	60PSI @ 1CFM		
Vacuum:	25 in Hg @ 1CFM		
Room Conditions:	24 - 26 C (75-78 F) @ 50- 55%. relative humidity		
Electrical Supply:	120 volts, single phase, 50/60 Hz		
Dimensions:	Height	610 mm	24 in
	Width	1219 mm	48 in
	Depth	610 mm	24 in

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