

## IITC Non-Invasive Blood Pressure Systems



### Basic Non-Invasive Blood Pressure Systems

Three basic systems are available and are for use with a single animal:

- Basic NIBP System Model 29-SSP
- Basic NIBP System with Heart Rate Meter Model 29-SSP/HR
- Basic NIBP System with built-in Auto-Inflate Cuff Pump Model 229

The Basic System Model 29-SSP requires manual inflation of the tail cuff sensor. It provides blood pressure measurements only. In addition

to the blood pressure measurements, the Model 29-SSP/HR has a built-in heart rate meter which displays the current heart rate in beats per minute. The Model 229 provides blood pressure measurements only and has a built-in air pump to automatically inflate the tail cuff sensor. It has adjustable cuff pressure limits with automatic cutoff, remote trigger capability, adjustable deflation rate, a manual air release for an immediate pressure drop, and a test termination pressure control which allows for quick 10 to 15 second cycles.

- For use with a single mouse or rat
- Test results are within five mmHg of direct (invasive) blood pressure cannulation method
- Low heat method: Rats 29° to 29.5°C and mice at 32°C
- Built-in artifact filter
- Sensor is built into the cuff
- Systolic, mean, diastolic, and heart rate available
- Lifetime warranty

### Simple Data Collection

These standard NIBP systems have an analog output. The typical pulse amplitude is 100 mV to 1 V. The pressure amplitude is adjustable from one to five volts at 300 mmHg. The output signal can be taken directly to a chart recorder, data acquisition system or the IITC Model 31 NIBP software. For systolic and heart rate only, a single channel chart recorder can be used. If the mean and diastolic are the desired readings, then use NIBP software or a dual channel chart recorder.

### Single Sensor NIBP System

Rodent Weight Range	Standard Model 29-SSP		With Heart Rate Model 29-SSP/HR		With Auto-Inflate Cuff Pump Model 229	
	115 VAC	220 VAC	115 VAC	220 VAC	115 VAC	220 VAC
25 to 80 g	CGS8238.72	CGS8244.72	CGS8250.72	CGS8256.72	CGS8262.72	CGS8268.72
70 to 160 g	CGS8239.72	CGS8245.72	CGS8251.72	CGS8257.72	CGS8263.72	CGS8269.72
150 to 380 g	CGS8240.72	CGS8246.72	CGS8252.72	CGS8258.72	CGS8264.72	CGS8270.72
380 to 500 g	Descontinuado CGS8241.72	Descontinuado CGS8247.72	Descontinuado CGS8253.72	Descontinuado CGS8259.72	Descontinuado CGS8265.72	Descontinuado CGS8271.72
500 to 650 g	CGS8242.72	CGS8248.72	CGS8254.72	CGS8260.72	CGS8266.72	CGS8272.72
600 to 800 g	CGS8243.72	CGS8249.72	CGS8255.72	CGS8261.72	CGS8267.72	CGS8273.72