

BLOOD PRESSURE

The IITC amplifier with manual inflation is a basic system that allows testing of a single animal at a time. This is a noninvasive tail cuff method.

RESTRAINTERS

The IITC method requires minimal warming of rats and mice. The rodents should be warmed to an ambient temperature of 30 deg. C for rats and 32 deg. C for mice, which is well below the thermostress level (see NIBP Intro. page). It is suggested to use one of the IITC warming chamber.

CATHETERS

A unique feature of IITC's amplifier is the artifact filter, which minimizes the breathing and movement artifacts, enabling the user to pick out the endpoints easily.

ANALGESIA

Analog output. The instrument has separate outputs for single channel and dual channel (superimposed and split) recording. The typical pulse amplitude is 100 mV to 1 V. The pressure amplitude is adjustable from one to five volts at 300 mmHg. If systolic and heart rate are desired, a single channel chart recorder #38L is sufficient. If the Mean and Diastolic are the desired reading then a dual channel chart recorder is recommended #45L or the IITC software package #31.

BEHAVIORAL/ACTIVITY

These units can be used in a manual, automatic, single, or multi-channel system.

ANIMAL RESPIRATORS

Lifetime Warranty
120/240V
CE

Features:

| | | |
|---|---|---|
| Validated data: Telemetry Direct blood pressure | Lowest temperature method Indirect heating | Animals: Mice Rats Cats Dogs Rabbits Swine Monkeys |
| Data supplied: Systolic Mean Diastolic Heart Rate | MRI systems available Animal color not a factor USB and RS232 Standard | Lifetime Warranty |



SYRINGE PUMPS

| Part # | Description |
|--------|----------------------------|
| 29-SSP | Amplifier-Manual Inflation |

TEMPERATURE PROBES