



NIBP up to 24 animals

- BLOOD PRESSURE
- RESTRAINERS
- CATHETERS
- ANALGESIA
- BEHAVIORAL/ACTIVITY
- ANIMAL RESPIRATORS
- SYRINGE PUMPS
- TEMPERATURE PROBES

The IITC Life Science blood pressure systems can be configured from 1-24 animals.

All of these systems allow researchers to quickly, and accurately obtain blood pressure measurements at the lowest recommended temperatures.

Systems use a highly sensitive photoelectric sensor for detection of blood pressure pulses. The only validated method/data when compared to both telemetry and direct blood pressure.

Our method is the only method that allows researchers to measure blood pressure at the lowest ambient temperature which is 32 deg.C. All others require high temperatures (36-40 deg. C) which can cause undue thermostress and inaccurate data.

The only validated method which enables researchers to monitor, record, store and export blood pressure readings automatically with our software.

The software will show you in real time systolic, diastolic, mean and heart rate and allows complete control of system.

Systolic is measured not "calculated/estimated" as with other systems on the market.

A critical part of the process is the placement of the inflation and detection cuff onto the test subject. While others subject the researcher and test subject to two separate cuffs, we have combined both cuffs into our single tail cuff sensor. This technology eliminates the need for restraining the animals tail and creating undue stress.

The comfort of the test subject is most critical in collecting NIBP data. Our warming chambers create a complete environment of controlled temperature as opposed to just radiating heat from a platform or blowers. The result of our method is a reduction in thermostress which can lead to inaccurate data.

MRI systems available upon request.

Details

Analog output
Typical Pulse amplitude 100mV to 1 V
Pressure amplitude adjustable 1-5V at 300 mmHg
120/240V
CE

**"The worlds only
24 channel system available
on the market today"**

BLOOD PRESSURE

RESTRAINTERS

CATHETERS

ANALGESIA

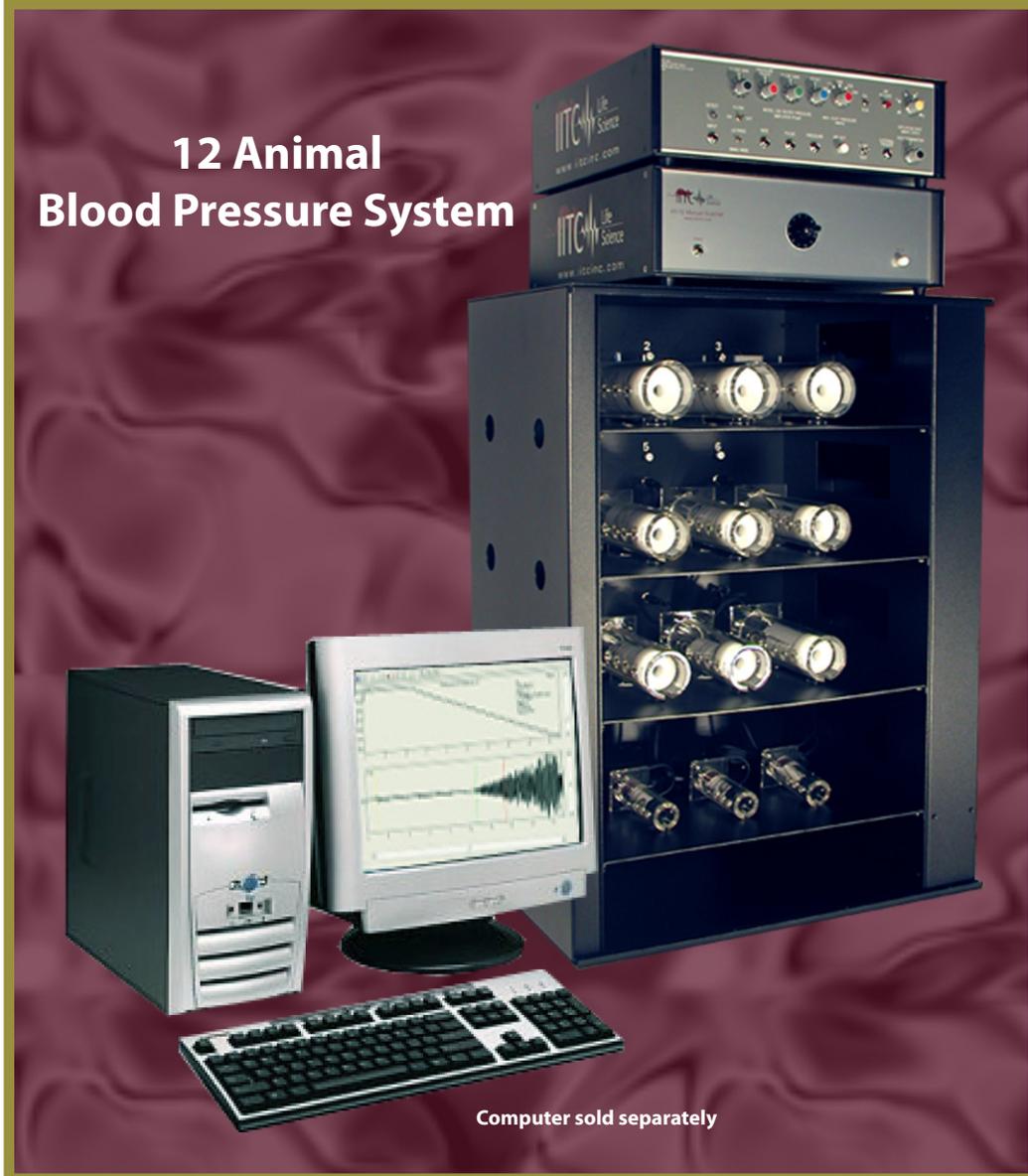
BEHAVIORAL/ACTIVITY

ANIMAL RESPIRATORS

SYRINGE PUMPS

TEMPERATURE PROBES

12 Animal Blood Pressure System



Computer sold separately

Features:

Validated data:

- Telemetry
- Direct blood pressure

Data supplied:

- Systolic
- Mean
- Diastolic
- Heart Rate

Lowest temperature method

Indirect heating

MRI systems available

Animal color not a factor

USB and RS232 Standard

Animals:

- Mice
- Rats
- Cats
- Dogs
- Rabbits
- Swine
- Monkeys

Lifetime Warranty

BLOOD PRESSURE
RESTRAINTERS
CATHETERS
ANALGESIA
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ANIMAL RESPIRATORS
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NIBP Multi Channel Blood Pressure Systems

BLOOD PRESSURE

RESTRAINTERS

CATHETERS

ANALGESIA

BEHAVIORAL/ACTIVITY

ANIMAL RESPIRATORS

SYRINGE PUMPS

TEMPERATURE PROBES



Part #	Description
	Mouse
24M22931	24 Mouse Blood Pressure System with software
12M22931	12 Mouse Blood Pressure System with software
6M22931	6 Mouse Blood Pressure System with software
3M22931	3 Mouse Blood Pressure System with software
3M229	3 Mouse Blood Pressure System (no software)
1M22931	1 Mouse Blood Pressure System with software
1M22945L	1 Mouse Blood Pressure System with chart recorder
1M229	1 Mouse Blood Pressure System (no software)

Part #	Description
	Rat
24R22931	24 Rat Blood Pressure System with software
12R22931	12 Rat Blood Pressure System with software
6R22931	6 Rat Blood Pressure System with software
3R22931	3 Rat Blood Pressure System with software
3R229	3 Rat Blood Pressure System (no software)
1R22931	1 Rat Blood Pressure System with software
1R22945L	1 Rat Blood Pressure System with chart recorder
1R229	1 Rat Blood Pressure System (no software)



Economical NIBP Blood Pressure Systems

BLOOD PRESSURE

For small, short studies and student teaching these systems are an ideal economical solution.

RESTRAINTERS

Our economical NIBP blood pressure systems are a great entrance into blood pressure research. These systems offer all of the same features as our multi channel systems except for automatic cuff inflation.

CATHETERS

All systems allow researchers to accurately obtain blood pressure measurements at the lowest recommended temperatures.

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

ANALGESIA

Systems use a highly sensitive photoelectric sensor for detection of blood pressure pulses. The only validated method/data when compared to both telemetry and direct blood pressure.

Choose either software or chart recorder for data collection.

BEHAVIORAL/ACTIVITY

Software will show you in real time systolic, diastolic, mean and heart rate.

Systolic is measured not "calculated/estimated" as with other systems on the market.

Chart recorders:

1. Single channel chart recorder supplies systolic and heart rate
2. Dual channel chart recorder supplies mean and diastolic.

ANIMAL RESPIRATORS

Our method allows researchers to test blood pressure at the lowest ambient temperature of 32 deg.C. All others require high temperatures (36-40 deg. C) which can cause undue thermostress and inaccurate data.

A critical part of the process is the placement of the inflation and detection cuff onto the test subject. While others subject the researcher and test subject to two separate cuffs, we have combined both cuffs into our single tail cuff sensor. This technology eliminates the need for restraining the animals tail and creating undue stress.

SYRINGE PUMPS

The comfort of the test subject is most critical in collecting NIBP data. Our warming chambers create a complete environment of controlled temperature as opposed to just radiating heat from a platform or blowers. The result of our method is a reduction in thermostress which can lead to inaccurate data.

Part #	Description
1M29	1 Mouse Blood Pressure System
3M29	3 Mouse Blood Pressure System
1R29	1 Rat Blood Pressure System
3R29	3 Rat Blood Pressure System
	Options
31	Data Acquisition Software
38L	Single Channel Chart Recorder
45L	Dual Channel Chart Recorder

TEMPERATURE PROBES

Economical NIBP Blood Pressure Systems

Manual Inflation Systems (upgradeable to 24 animals)

BLOOD PRESSURE

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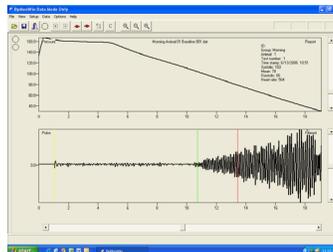


Options

Chart Recorder



Software



Linear Deflation Kit

