



You Spoke...
...We Listened



The all NEW
Mouse Rat
Blood Pressure System



A revolutionary design bringing non-invasive blood pressure testing to another level.

IITC the true "Gold Standard" and still World Leader in mouse and rat tail cuff blood pressure measuring systems.

IITC has once again designed a first for laboratory research equipment a true turn-key system when it is key critical for determining accurate, consistent blood pressure on mice, rats or any other laboratory animal test subject.

A true, compact, simple yet versatile system that can test from a single up to 200 animals at a time with independent control of each channel.

Simple daisy-chaining of systems allow expansion of systems, up to 200 independently, controlled systems. No other system in the world has such vast capabilities as the IITC blood pressure systems.

These new mouse and/or rat blood pressure systems have all components now built into 1 small unit. Controls, inflation of tail cuff, built-in warming environment with whisper quiet fans has finally been designed to allow you the user an ideal system for teaching facilities and for the pharmaceutical industry when high through-put is a must.

Single animal systems are controlled from the touch screen which allows keying in all necessary test setups.

Temperature of internal environment - we suggest 34 deg. C for mice/ 32 deg. C for rats but can be set lower.

Methodology is still the only low temperature "validated" tail cuff method that is world renowned for accuracy for 37 years.

Touch screen control allows ease of operation supplying automatic evaluation of test results - systolic, diastolic, mean and heart rate.

No need for pulse calibration of the systems, analog outputs standard for both pulse and pressure.

Data is collected, stored, displayed and can be transferred to the supplied memory stick. USB allows for software control for multi-channel systems and for single animal systems software is supplied enabling users to view and export data collected.

A minimum of 36 recordings per channel can be stored per channel/system.

Reports are internal in an Excel style format, simple migration of data.

Our systems DO NOT require to have computers purchased or the IITC software, we are compatible with most data collection software on the market. The analog output allows users to interface their existing data collection software with our blood pressure systems when existing software exists.

When studies call for an MRI setting these systems can still be used due to the independent design. Tail cuffs can be in any setting and are not required to be connected directly to the electronics at any time. IITC supplies extended test cable lengths of the sensors when MRI testing is to be performed.

Cleaning of systems are an ease, removable trays are supplied standard with each system when needed.

All systems are supplied with a standard 2 year warranty.

Lifetime warranty on all IITC sensors.