

BLOOD PRESSURE

The original Electronic von Frey to assess mechanical allodynia with rigid tips (threshold) & "Supertips™" flexible Von Frey hairs for sensory test on all test subjects.

RESTRAINERS

The 2390 series enables researchers to plug up to 3 probes into a single unit. Multiple users have the ability to use one single unit for multiple studies.

CATHETERS

Our system is the first system introduced to the market over 9 years ago which finally allows researchers the ability to test and automatically record pain threshold values in a clean, accurate easy to use compact system.

The systems are supplied with either a 90, 800 or 1000 gram probe. Probe type is determined by test subject.

ANALGESIA

When studies call for pain threshold, rigid tips are used when measuring sensory threshold one of the 15 Supertips™ are used. The IITC hairs are unique in design - each hair has a uniform tip of .8mm in diameter, eliminating the possibility of false readings that may occur due to the varying hair thickness when applied to test subject.

The systems will allow you to measure, store and display your test readings in grams based upon the amount of pressure applied. Manually calculating results is no longer required with the IITC system.

BEHAVIORAL/ACTIVITY

Testing is simple, choose one of the supplied tips place on probe tip; apply pressure probe to test subject, upon reaction the unit will display and store your reading in grams, an easy, quick test system for all pain studies.

An internal load cell is attached to the small tip, this is the central element in the system; which connected to the electronic system allows you digitally record your test results.

ANIMAL RESPIRATORS

All EVF systems are calibrated at the factory and do not require any type of constant calibration, adjustment or separate calibrator to be purchased.

Our system is an easy, user friendly system which was developed to replace the traditional hairs but at the same time enabling researchers to not only test sensory but pain threshold in one system.

SYRINGE PUMPS

TEMPERATURE PROBES



Features

- MRI Probe available**
- Plug up to 3 probes into a single unit
- LCD Readout (Floating or last max. & minimum)
- Rigid tips up to 800 Gr.
- "Supertips™" 15 up to 90 Gr.
- 1K probe available
- Microprocessor Electronics 0.1 Gr Plug-in probes
- Independence from Hygroscopy
- Independence from temperature
- Optional analog output available upon request
- Pipette tips can be customized to any specification
- Hygroscopy is no longer an issue.

BLOOD PRESSURE

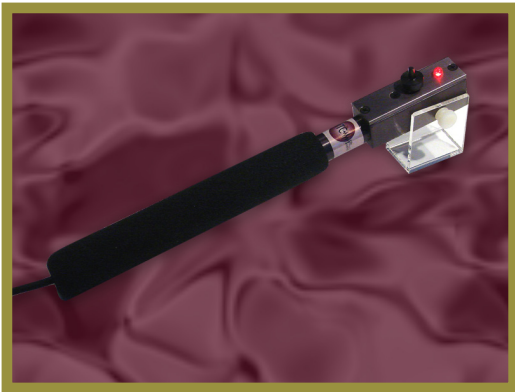
New Feature - Limit Indicator

Allows user to preset and select a maximum force limit within 1 gram of accuracy. A warning light informs the user that the preset limit entered has been reached by the system. Users are able to have identical results from two different operators.

RESTRAINTERS

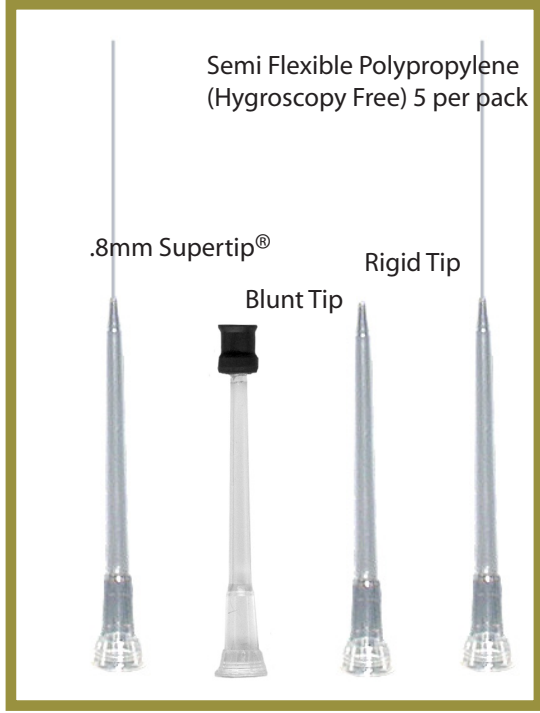
What are "Supertips"™

As reported by earlier papers varying probe diameter on von Frey hairs is a serious problem. These patented "Supertips"™ have a UNIFORM TIP DIAMETER OF .8mm ON ALL 15 DIFFERENT VON FREY HAIRS! This is a



unique feature available only on Electronic von Freys by IITC Inc. Probe size no longer affects pain or pressure thresholds and results are finally comparable!

CATHETERS



This instrument eliminates the poor data collection due to the hygroscopic nature of von Frey hairs (it is proven that relative humidity can change the force by more than 100% between 28-52% relative humidity change!) Only an accurate readout can show the actual force, not a number as on the handle of classic von Frey handles. Bending at various degrees can change the force by 20-30% in every case, this is visible with an electronic readout only. The natural limiting of force with flexible hairs is of great advantage. This instrument makes the up-down method of finding threshold unnecessary. Without using line adapter, Battery life is 50 hours. (Supplied)

ANALGESIA

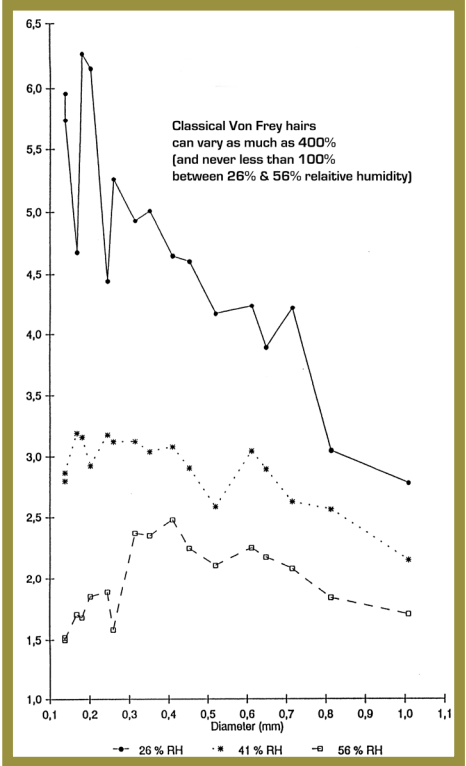
BEHAVIORAL/ACTIVITY

ANIMAL RESPIRATORS

SYRINGE PUMPS

TEMPERATURE PROBES

Part #	Description
2390	Electronic von Frey rigid tips only, 90 gram range
2391	Electronic von Frey rigid tips only, 800 gram range
2392	Electronic von Frey rigid and 15 Supertips, 90 gram range
2393	Electronic von Frey rigid and 15 Supertips, 800 gram range
2394	Probe only, 90 gram range
2395	Probe only, 800 gram range
2396	Probe only, 1000 gram range
2397	MRI Probe
2398	Limit indicator for any probe
2399	Cable for limit indicator
2400	Analog output cable



One year warranty
120/240V
CE