

## *IITC Electronic von Frey Anesthesiometer*



The IITC Model 1601 Electronic von Frey Anesthesiometer is used to measure the sensory threshold in laboratory animals.

### **Easy to Use**

This device simplifies and replaces the 'classic' von Frey monofilaments and any other versions. Lengthy calculations are no longer required. Conditioning by repetitive touching with the 17 to 20 handles is eliminated. It can be used in any position and is extremely simple to operate. The Model 1601 can be field calibrated at anytime using the internal calibration mode. A six foot long cable connects the test probe to the electronic unit with the test point at a right angle to the end of the probe.

### **Precise**

The test is done with digital 0.1 gram accuracy. The range of the unit extends from 0.1 grams to 150 grams, with a combined error of 0.0425% full scale. The test tip diameter is 0.5 mm.

### **Clear Display**

The Model 1601 displays two pressure measurements. The first is a 'live' measurement which shows the pressure present at the test tip at any time. The second is the 'peak and hold' measurement which shows the maximum pressure applied to the tip prior to the reaction of the test subject. This reaction can be detected by listening for the test subject to emit an auditory response or when they withdraw the extremity that is being tested. A single reset button enables the unit to be ready for the next test.

- Used to measure sensory threshold in laboratory animals
- Simple and easy method
- Precise

### **Supplied Complete**

30 Disposable Polypropylene tips are supplied with the unit. These tips can be reused if they are cleaned and sterilized. A clear Plexiglas® stand serves to support the probe when not in use. This stand prevent the sensitive tip from becoming damaged. Additional transducers can be ordered individually.

The unit operates from either 110 V/220 V or with batteries. The unit carries a one year warranty. The unit is tested and certified before shipment, NITS traceable Class C. RS-232 output is standard. It is CE marked.

Catalog No.	Model	Product
CGS 8183.70	1601	von Frey Anesthesiometer, 115 VAC, 50/60 Hz
CGS 8184.70	1601/220 V	von Frey Anesthesiometer, 220 VAC, 50/60 Hz
CGS 8185.70	1700	Replacement Polypropylene Tips, pkg. of 30
CGS 8186.70	1601-02	Spare Transducer