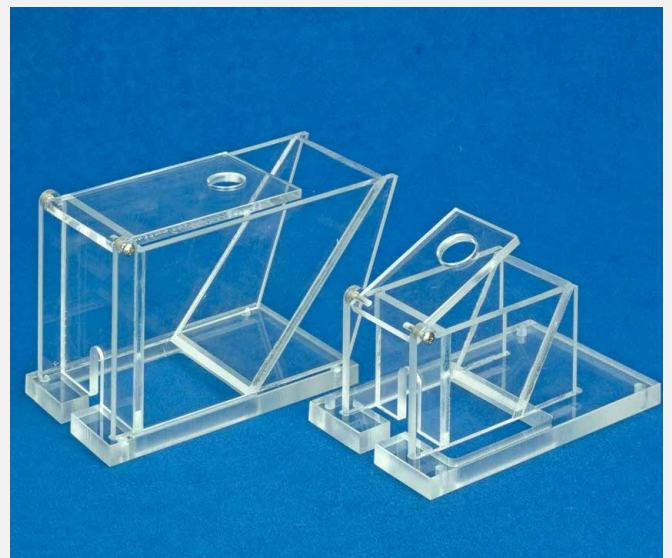


# Librae

The Ugo Basile Incapacitance Tester is here!



- ✓ Unique feature:  
Fully automatic or hands-free test processing
- ✓ Bright touch screen, USB data storage and direct Excel export
- ✓ Magnetic pads for easy cleaning
- ✓ For mice and rats.  
Pedal switch and restrainer Included



# Librae:

## your 21<sup>st</sup> century Incapacitance Tester

### Features and Benefits

- **Measure hind paw weight distribution**, through the most widely used method (>1,500 citations), now updated and equipped with the latest technologies by Ugo Basile.
- **Autostart is a unique feature**, Automate the measurement process by identifying immobility windows. The autostart feature developed by UGO Basile turns the procedure into a fully operator independent process.
- **Touch screen and USB data storage** let scientists setting, controlling and managing instrument data quickly and seamlessly.

Through a few, intuitive buttons, one can reach all the functionalities. The included USB key stores all data for optimal portability (average paw weight, Standard Deviation, Left/Right ratio, etc.). The Left/Right weight histograms and scatter charts display on line the experiment output for an immediate visual control, graphically effective and easy to follow during the test.

- **Reliable and easy to collect results:** high quality force sensors (0.1g resolution) are easily calibrated with the provided reference weight and show no screws or other parts potentially interfering with the animal, for maximum experiment repeatability. After each test the result can be stored or discarded and data can be transferred from the instrument to a PC for MS Excel. At the end of the experiment the foot pads can be cleaned in a few seconds, being magnetically attached to the base.



### Specifications

Dimensions:	13 cm x 25 cm x 31 cm (HxWxD) without holders.
Packaging dimension:	28 cm x 68 cm x 34 cm (HxWxD) Weight 3.0 Kg.
Weight:	2.6 Kg (instrument only no pedal, holders and power cable)
Output data file:	.csv format (to be open also in Microsoft Excel)
Measurements resolution:	0.05 g @ 500 g scale; 0.1 g @ max scale (2.200 g per paw)
Max. weight and accuracy:	2.200 g per paw and 0.5% full scale
Designed for:	Mice and Rats.
Data results:	Duration, session number, force peak, average, std. deviation for each paw and left/right ratio. Direct calculation after the end of every experiment
Internal Memory:	4 GB, up to 10.000 + experiments
Measurement time:	From 1 s to 360 s
Measurement starting mode:	Manual or Automatic with automode settings.
Power supply:	Internal power supply 90-260VAC, fanless (silent).

Specifications are subject to change without notice.

TRIAL RESULTS			
Session:	12		
Duration:	3.0 s	L/R Ratio:	1.1
Left Peak:	12.3 g	Right Peak:	12.6 g
Left Average:	11.8 g	Right Average:	12.3 g
Left Std. Dev.:	1.4	Right Std. Dev.:	1.5

Real time paw force measurement & display



USB key to export csv data to PC and connectors



Ugo Basile SRL

Via G. di Vittorio, 2 - 21036 Gemonio (Va) Italy - ugobasile.com - sales@ugobasile.com