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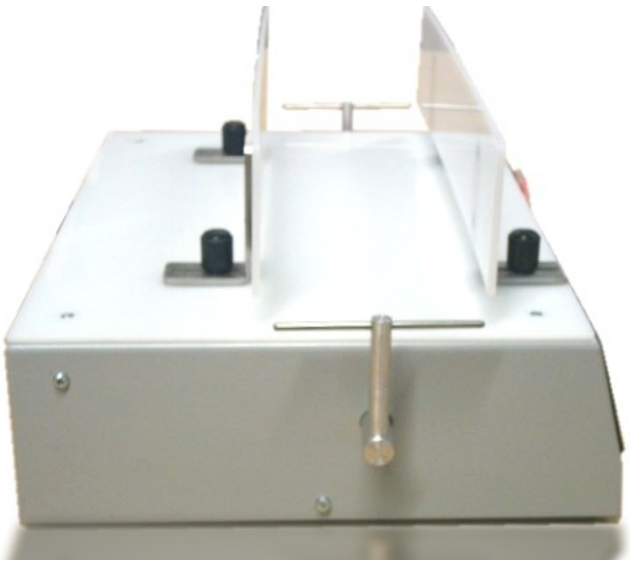
Linton Instrumentation Grip-Strength Meter

Model Shown is Linton GSM Dual Sensor (Standard)



Features:

Use as a stand-alone or with a PC (Using our Linton Logger software) or connect to a to a standard RS232 printer for direct printout.

0.01g resolution ensures accuracy and repeatability

Available in three styles:-

i) Single Sensor for Front Limb measurement.

ii) Standard Dual (Front/Rear) Sensors for Front and Rear Limb measurement.

iii) Dunnett Style, Dual Front Sensor for independent measurement of both front limbs.

All available with either bars (as illustrated) or mesh-grids.

Easy to read display.

Simple Calibration and Operation

1 Year Parts & Labour Warranty (Return to Base)

The Linton Grip Strength Meter is available in three models, single sensor, dual sensor and 'Dunnett' Style.

The single-sensor model measures forelimb grip-strength.

The dual sensor model measures fore and hind-limb grip-strength by means of two sensors.

The Dunnett Style (after Professor Stephen Dunnett) measures grip-strength from each forelimb independantly.

With all models, the effect of drugs, toxins, disease, nerve damage on muscle strength can be objectively assessed using the Linton Grip-Strength Meter.

The rodent is held by the tail and pulled backwards over the grip-strength meter, the rodent's natural reaction is to try to grasp anything available to stop this involuntary backwards movement. As rodent grasps the bar (or mesh pad), it will hang-on for as long as it can. The Linton Grip-Strength Meter contains high resolution load-cell(s) which measure the peak force applied to them by the rodent trying to hold-on. Eventually the pulling force will be too great and the rodent will have to let go, at this point the maximum force applied is logged and displayed on the large active matrix display. Data can be optionally sent to a PC for logging and further analysis via the RS232 interface and "Linton Logger" software.

Specifications

Power Supply	**110 to 240V 50/60Hz**
Dimensions (Bars)	**340(w) x 255(d) x 165(h) mm**
Dimensions (Meshes)	**440(w) x 255(d) x 165(h) mm**
Measurement Range	**0-1Kg**
Display Resolution	**0.01g**
Accuracy	**+/-0.5g F.S.**
Warranty	**1 Year R.T.B. Parts and Labour**