

MK-380V

Smart Grip Strength Meter for Rats and Mice



Smart & User Friendly

- ◆ Configurations for both rats and mice.
- ◆ Compact and Portable.
- ◆ Convenient Storage Space

The MK-380V has been designed to measure the grip strength of the forelimbs, hindlimbs, or all four limbs of rats and mice, and can easily detect the peak force by allowing them to grasp and pull the grid assembly. Accurate measurement is achieved with the built-in high-end transducer. 1,000 results can be stored in the internal memory, and a USB port is provided to allow transfer of data to a PC.

The MK-380V is compact and portable, and can accommodate the tools that are used in grip strength measurement experiments, making it a highly convenient and smart device.

MK-380V is the main unit only. Measurement grids and bars are sold separately.

A measurement grid or bar, which is sold separately, is required to use MK-380V.

Specifications

Measurement Units	kg, N
Detection Range	5kg, 50N
Memory Storage	Up to 1,000 results
Resolution	0.001kg, 0.01N
Grid Assembly	Stainless steel
Power	5VDC 1.0A AC Rechargeable
Dimensions	W220mm × D300mm × H110mm (Main Unit)
Weight	Approx. 2.5kg
Software	For Windows

MK-380V Features

Components: MK-380V (Main Unit), USB cable, Software (DVD), Instruction manual

Example use case: To measure Rat fore limbs, both MK-380V and MK-380CM-F/RM are required.

Grid assemblies

※MK-380V does not include grids or bars. Please choose at least one from the following.

For Rats

MK-380CM-F/RM Mesh Grids for forelimbs

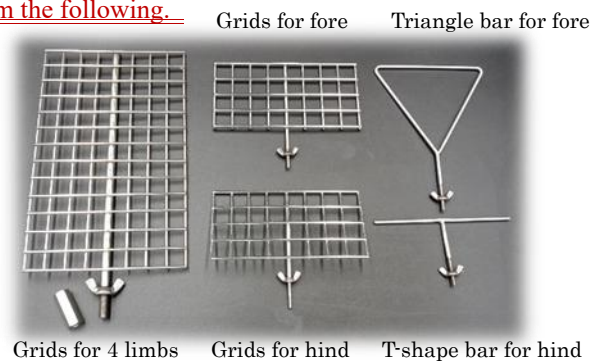
MK-380CM-R/RM Mesh Grids for hindlimbs

MK-380CM-FB(5b) Triangle bar for forelimbs

MK-380CM-FB(5a) T-shape bar for hindlimbs

MK-380FL/RM Mesh Grids for 4 limbs

*Please use the dedicated adapter when using MK-380FL/RM.



For Mice

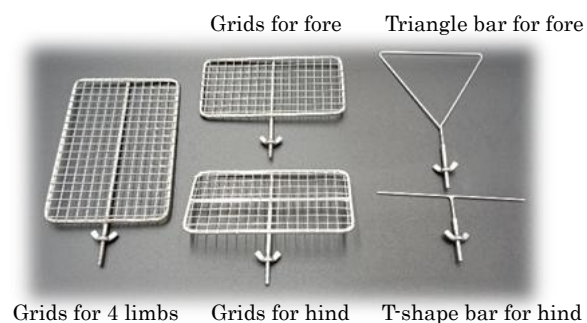
MK-380CM-F/MM Mesh Grids for forelimbs

MK-380CM-R/MM Mesh Grids for hindlimbs

MK-380FL/MM Mesh Grids for 4 limbs

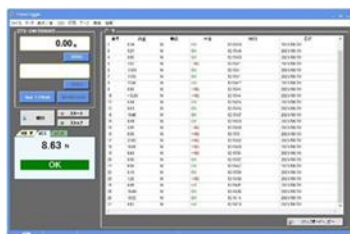
MK-380CM-FB(6b) Triangle bar for forelimbs

MK-380CM-RB(6a) T bar for hindlimbs



Self-Standing/Space-Efficient

The MK-380V is used horizontally during measurement but can be stood upright during storage. It is compact and has a small footprint. The handle makes it easy to carry.



Fast and Easy Data Transfer to PC via USB

Measurement data can be transferred to a PC using the provided USB cable.

(Force Logger data collection software is included)

Please specify the preferred grids/bars when requesting a quotation or placing an order.

If not decided, please provide the following information: the animal for measurement (rat/mouse, strain, weight range) and limbs to be measured (forelimb, hindlimb, 4 limbs).

The appearance and specifications of the product are subject to be modified for improvement without notice.

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