

Maglev 200™ Magnetic Levitation Haptic Interface

Configuring Visual-Haptic Workstations

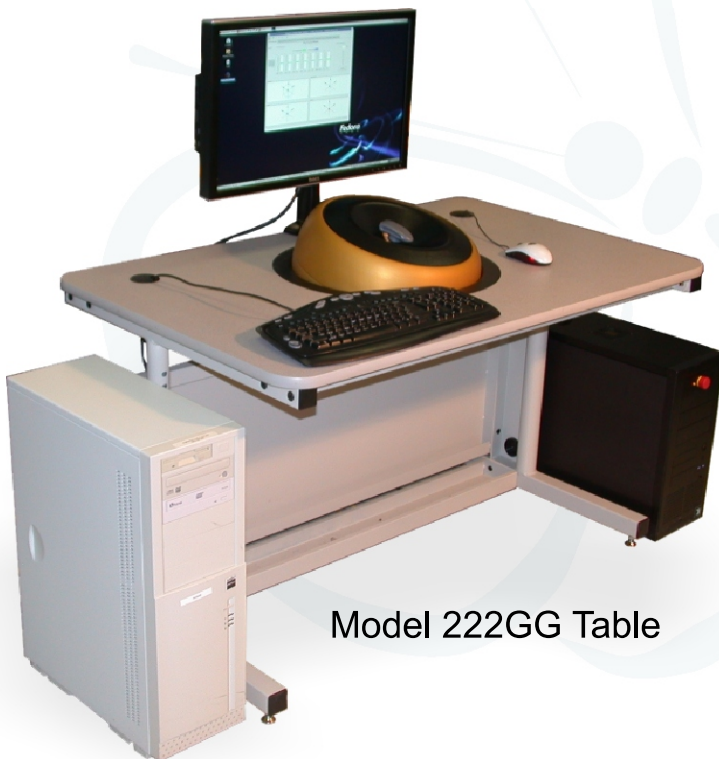
Maglev Haptics™ can generate large forces and torques, requiring a stable mounting arrangement. Every Maglev 200 system is shipped with a tabletop mounting ring kit. The attractive ring can be installed in the user's custom surface following instructions in the included mounting manual. Alternatively, low-cost modular height-adjustable tables may be ordered from Butterfly Haptics. These tables come with special pre-cut holes for the maglev haptic device. (Monitor, monitor support, mouse, keyboard, and user's client computer are not included.)



Model 221GG Table

The Model 221 30" x 30" Table pictured above is ideal for compact spaces. The maglev device is centrally mounted to accommodate left- and right-handed users with the arm resting comfortably. (Here, the user's client machine is shown on the right and the Model 202 Controller is on the left.)

The Model 222 30" x 48" Table shown on the left gives a bit more room for spreading out. A Model 223 36" x 48" Table is also available, permitting the Model 202 Controller to be mounted underneath using the Model 231 Controller Holder option (next page).



Model 222GG Table

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Orienting the Model 201 device in the table

The hole and mounting ring in the table surface allows the maglev device to be operated at any angle from horizontal to vertical, and to be rotated about a vertical axis to any angle as well for comfortable operation.



Table dimensions and ordering information

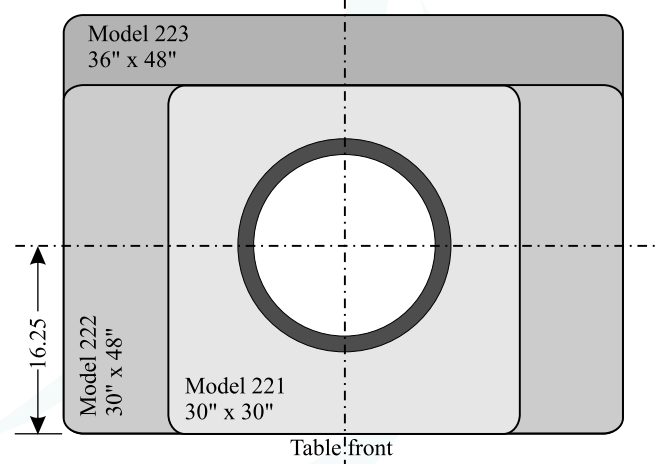
Standard tables with a cutout dimensioned as shown may be ordered as follows.

Model 221XY 30"x30"

Model 222XY 30"x48"

Model 223XY 36"x48" (Special order)

↑ Top color, G = gray, B = black
 ↑ Frame color, G = gray, B = black



Controller holder option

The Model 223 Table's 36" depth permits the Model 202 Controller to be hung beneath the tabletop surface, taking it off the floor. The Model 231 Controller Holder may be ordered for this purpose. This user-installed option is a simple 3-piece black-anodized aluminum assembly as shown. The Controller simply slides into the U-shaped holder.



Completing your visual-haptic workstation

We recommend completing your visual-haptic workstation with a flat panel monitor equipped with a VESA-compatible mounting arm. We have had good experience with the Chief Manufacturing Company's height-adjustable dual arm desk mount. This model clamps to the rear top of the table, allowing the monitor to be positioned behind or above the Model 201 Maglev Haptic Device.