

# **AUTOMATIC MODULAR GUILLOTINE DOORS**

ENV-210M-S

ENV-340A-P

USER'S MANUAL

**DOC-285**

**Rev. 1.0**

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notes

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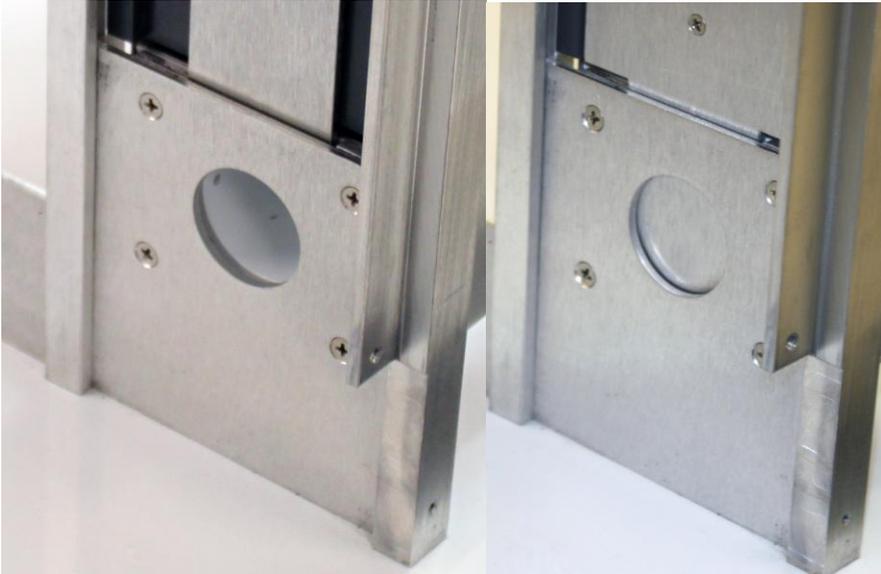
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## CHAPTER 1 INTRODUCTION

The ENV-210M-S (for rat) and ENV-340A (for mouse) automatic modular guillotine doors can be used with a wide variety of Med Associates, Inc. modular chambers. Automatic guillotine doors enable researchers to allow or deny subjects access to most types of Med Associates, Inc. reward and response devices such as pellet feeders, sipper tubes, dippers, levers, wheels and nose pokes.

*Figure 1-1- Open & Closed Guillotine Door*

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The automatic guillotine doors install in minutes and are straightforward to implement into any Med State Notation program. Once installed and implemented in code the door enables the researcher to remotely allow or deny access to most Med Associates, Inc. response or reward device.

## CHAPTER 2 INSTALLATION

### Spacer Installation

The automatic guillotine doors function by inserting or removing a sliding panel in front of the response or reward device. Standard response and reward devices do not have a space (red arrow in Figure 2-1) between the face plate and body of the unit so spacers must be installed. The required spacers will be included with the automatic guillotine door.

*Figure 2-1- Nose Poke Without Spacers*



Depending on the device, remove the two or four screws that attach the face plate to the body of the unit and remove the face plate. Place the spacers in position and reattach the face plate with the spacers located behind the face plate, see Figure 2-2.

*Figure 2-2- One Spacer in Place*

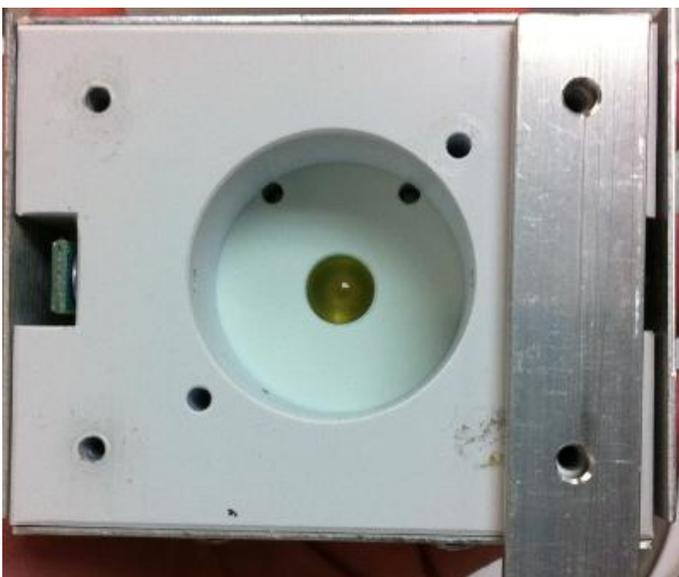
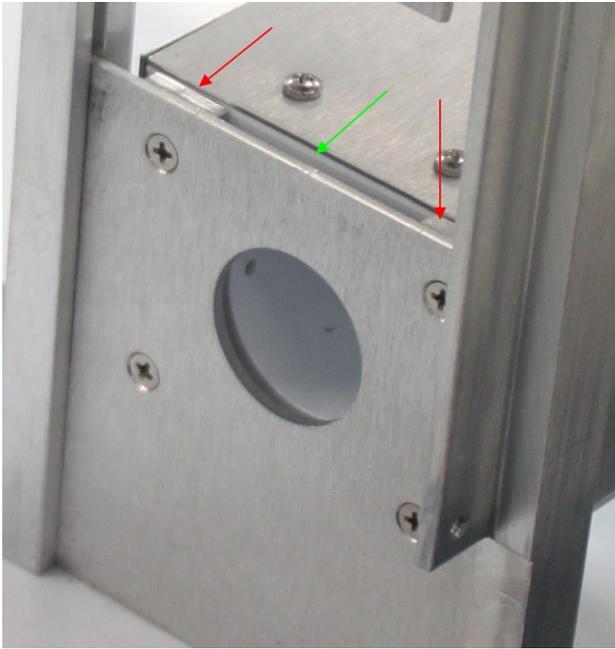


Figure 2-3 illustrates the space created (green arrow) when the spacers (red arrows) are properly installed.

*Figure 2-3- Spacers in Place*

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Reinstall the reward/response device in the chamber once the face plate is back in place.

### **Guillotine Door Installation**

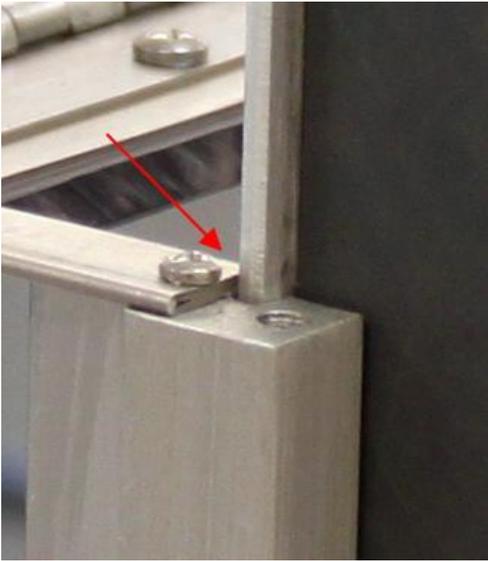
The automatic guillotine door slides into place using the same guides as the other modular equipment. The guillotine door assembly sits on top of the device it's being used with. Slide the assembly into the guides from the top, Figure 2-4, with the motor housing at the top, Figure 2-5. Note, the guillotine door assembly will extend beyond the top of the chamber. If required custom chamber tops are available, please contact our sales and applications department for more information.

With the guillotine door installed in the chamber, connect it to any available output on the connection panel. The door is activated by turning on the corresponding output in the Med-PC IV® program being used.

For assistance please contact Med Associates, Inc. technical support at 802-527-2343 or [support@med-associates.com](mailto:support@med-associates.com).

*Figure 2-4- Mounting Guides*

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*Figure 2-5- Guillotine Door Installed*

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## **APPENDIX A**

Please contact MED Associates, Inc. for information regarding any of our products.

Visit our website at [www.med-associates.com](http://www.med-associates.com) for contact information.

For technical questions, email [support@med-associates.com](mailto:support@med-associates.com).