

# **PELLET DISPENSER**

ENV-203

USER'S MANUAL

**DOC-064**

**Rev. 1.4**

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## Diagrams

## CHAPTER 1 | INTRODUCTION

The ENV-203 Pellet Dispenser is designed to deliver a whole pellet virtually 100% of the time and the quiet 28V DC stepper motor will not startle the subject when a pellet is delivered.

The ENV-203 Pellet Dispenser is available in our standard modular mount or pedestal mount, if requested, or in special applications where space does not permit the use of the modular design.

*Figure 1.1 – ENV-203 Pellet Dispenser Shown in Modular and Pedestal Mount*

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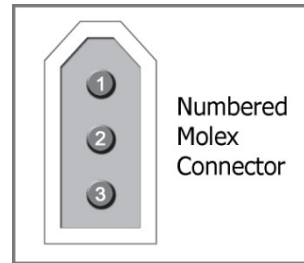


## CHAPTER 2 | WIRING

### Operate Cable

Connect the Operate cable from any available Output on a Standard MED Connection Panel. By turning the corresponding output bit “ON”, the Operate line will go from 28v to Ground and the dispenser will dispense a pellet.

Molex Pin #	Function	Wire Color
1	28V Ground	Black
2	Operate	White
3	+28 Volts	Red



## CHAPTER 3 | MAINTENANCE

### Pellet Loading

To ensure reliable operation of the ENV-203 Pellet Dispenser, all broken or halved pellets and pellet dust should be discarded and not included when loading the ENV-203. Pellet debris can lead to clogs, jams, and unreliable pellet delivery.

### Cleaning

It is very important and necessary to schedule periodic cleaning of the ENV-203 Pellet Dispenser to ensure reliable pellet delivery. This should be done every time the Pellet Dispenser empties, once a week, or once a month based on use to reduce buildup of dust or debris which can lead to unreliable pellet delivery. Humid environments may require more frequent cleaning.

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**NOTE: Items returned for repair that have not been properly cleaned will be not covered under warranty. Please contact Med Associates (see Appendix A | Contact Information if you would like to send your Pellet Dispenser to us for a routine cleaning service. We will be happy to send you a quote for this service.**

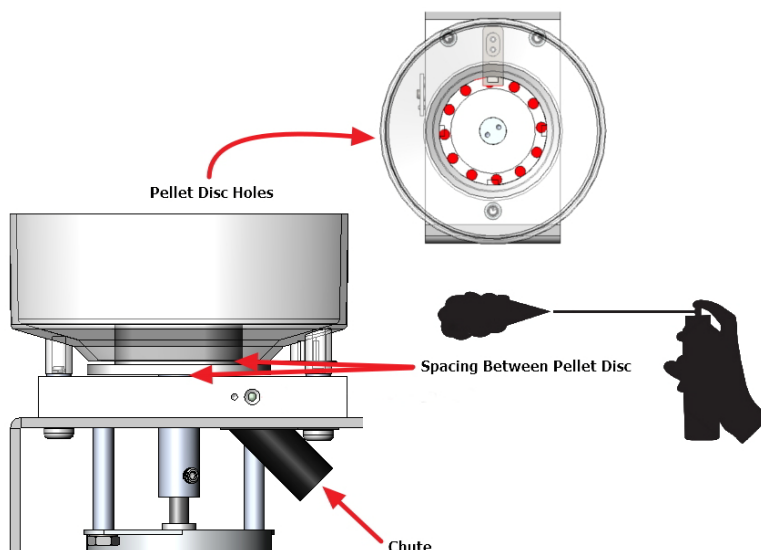
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### Cleaning Supplies/Tools

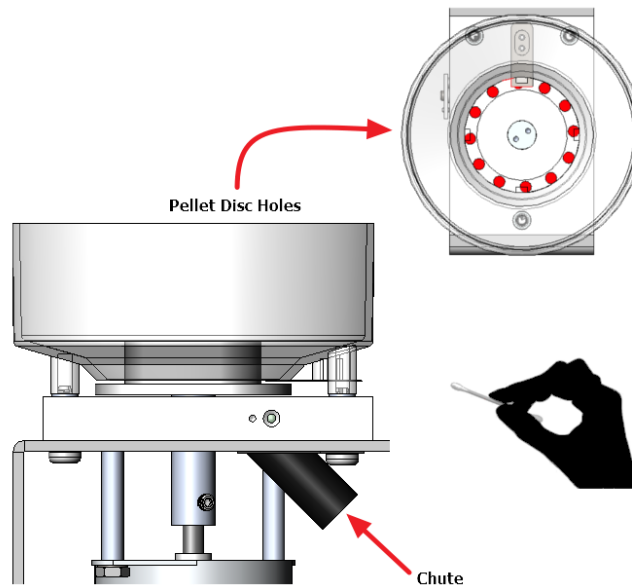
- Compressed Air
- Swab and Wipes
- Quatricide or 10% Ethanol

### Instructions

1. Remove tubing from pellet chute.
2. Remove Pellet Dispenser from chamber and empty out any remaining pellets.
3. Spray compressed air into chute, pellet disc holes, and in between pellet disk (top and bottom) to loosen any debris.



4. Using a solution soaked swab, clean up into chute and main pellet drop hole, clean out disc holes, and wipe out bowl as needed.



5. Spray compressed air (see step 4) again to blow out any remaining debris.
6. Reinstall the Pellet Dispenser in chamber, and reconnect tubing to pellet chute.

## APPENDIX A | CONTACT INFORMATION

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

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

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

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