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| Part Number | MD-800 | MD-800P | MD-500 | MDV-888 |
| Introduced | 2012 | 2014 | 2014 | 2016 |
| End of Life | Obsolete | Available | Available | Available |
| Input Power | 230V | 230V | 12V w/ Battery Hook-up | 230V |
| Power Output | 1000W | 1000W | 840W | 1000W |
| Standby Power | Energy Efficient | Energy Efficient | Energy Efficient | Energy Efficient ¹ |
| Size | 14.75"L x 2.75"D | 14.75"L x 2.75"D | 14.75"L x 2.75"D | 14.5"L x 3.25"D |
| Ergonomic Grip | Yes | Yes | Yes | Yes |
| Weight | 2.8 lbs. | 2.8 lbs. | 5.6 lbs. | 2.6 lbs. |
| Housing | Military Grade Impact Resistant Plastic | Military Grade Impact Resistant Plastic | Military Grade Impact Resistant Plastic | Military Grade Impact Resistant Plastic |
| Enclosed Housing | Yes | Yes | Yes | Yes |
| HDT | Extruded Aluminum | Extruded Aluminum | Extruded Aluminum | Extruded Aluminum ² |
| Circuit Boards | SMT Design | SMT Design | SMT Design | SMT Design |
| Cooling | Yes | Yes | Yes | Yes ³ |
| LED Illumination | Yes | Yes | Yes | Yes with On/Off Switch |
| Components Secured | Yes | Yes | Yes | Yes |
| Fault Monitor w/ LED | No | No | No | Yes ⁴ |
| Coil Fastening | Thumb Screws | Thumb Screws | Thumb Screws | Twist Lock ⁵ |
| Warranty | 1 Year | 1 Year | 1 Year | 2 Year |
| Activation | Push Button | Push Button | Push Button | Trigger |
| Design | Ergonomic Cylinder | Ergonomic Cylinder | Ergonomic Cylinder | Pistol Grip |
| Safety Certified | Yes | Yes | Yes | Yes |

¹When fan is operating in standby the power may be up to 1.5W; when fan stops <1/10thW

²Extruded Aluminum with copper thermal enhancement

³Intelligent cooling improves cycle time

⁴Fault monitor indicates when a condition occurred that might cause damage; the monitor automatically shuts down and prevents damage from various conditions

⁵Locking mechanism for easy insertion and extraction of work coils